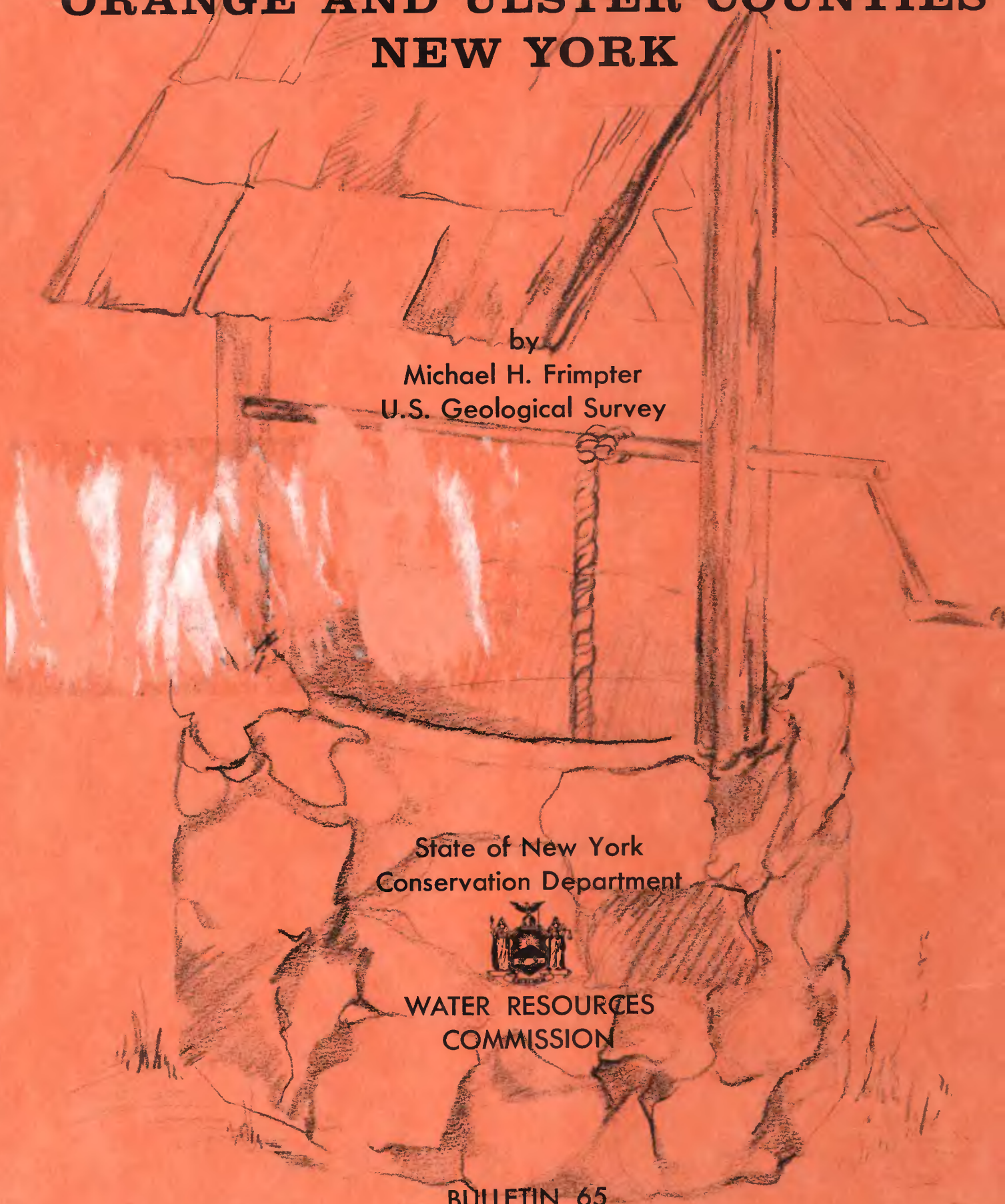
GROUND-WATER BASIC DATA ORANGE AND ULSTER COUNTIES NEW YORK



by
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Conservation Department

WATER RESOURCES
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GROUND-WATER BASIC DATA ORANGE AND ULSTER COUNTIES NEW YORK

BY

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Prepared by

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NEW YORK WATER RESOURCES COMMISSION

STATE OF NEW YORK
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GROUND-WATER BASIC DATA
ORANGE AND ULSTER COUNTIES
NEW YORK

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Michael H. Frimpter

INTRODUCTION

This report makes available basic ground-water data useful in planning and studying the development of ground water in Orange and Ulster Counties. It also supplements an interpretive report that evaluates the ground-water resources of the two counties.

The data were collected during the study of ground-water resources of Orange and Ulster Counties by the U.S. Geological Survey, 1960-66, in cooperation with the New York State Conservation Department, Division of Water Resources. The interpretive report will be published as a U.S. Geological Survey Water-Supply Paper entitled, "Ground-Water Resources of Orange and Ulster Counties, New York." The records of 1,660 wells and springs shown in plates 1 and 2 are reported in table 1. Graphic lithologic logs of 497 wells and test borings are shown in table 2, and the results of 128 chemical analyses of well water are shown in table 3.

The residents of Orange and Ulster Counties are acknowledged for supplying data concerning their wells and springs and for granting permission to measure water levels, well depths, and to sample well water. Superintendents of municipal water systems, public officials, and private industry also supplied test data and records. The following well drillers gave freely from their valuable records and experience: Roy DeWitt, Sam DeWitt, David Tompkins, Bruce Tompkins, Andrew Wild, Ray Gillespie, William Diegel, and James Eckerson. C. W. Lauman and Company, Inc.; Metcalf and Eddy, Engineers; Hazen and Sawyer, Engineers; Eustance and Horowitz; Leggette, Brashears and Graham, consulting ground-water geologists; and Artesian Well and Equipment Company, Inc. supplied well and test-well data. The New York City Board of Water Supply, the Port of New York Authority, and the New York State Department of Transportation supplied lithologic logs from test borings. Officials of the New York State Health Department supplied lists of public water supplies and their superintendents. Without the cooperation of these people and organizations this study would have required a considerably larger expenditure of public funds.

The wells, springs, and borings cited in this report are numbered on the basis of a latitude and longitude system. The area has been divided into 1-minute quadrangles with a latitude and longitude grid. Each well, spring, or boring is designated by a composite of two location numbers and a sequential number or letter. The first number indicates the latitude and

the second number indicates the longitude of the southeast corner of the grid in which the well is located. The first digits of latitude and longitude remain the same throughout the two-county area and, therefore, are omitted from the identification numbers. Sequential numbers identify wells and sequential letters identify test borings within a 1-minute quadrangle. Thus, in figure 1, well 125-424-2 is bounded by latitudes 41°25' and 41°26' and longitude 74°24' and 74°25', and is the second well investigated within these boundaries. Springs are identified by the same numbering system used for wells, except that the suffix "Sp" is added, as in 115-410-1Sp.

On the well-location maps in this report the last three digits of latitude and longitude are shown along the edge of the county boundaries, and only the sequential number or letter of the well, spring, or boring is given within each quadrangle next to the well, spring, or boring symbol.

The information contained in this report is the basic data that was required for evaluation of the two counties' ground-water resources and preparation of the interpretive report. It can be of value to consultants, contractors, planning groups, and prospective users and developers of ground water in Orange and Ulster Counties.

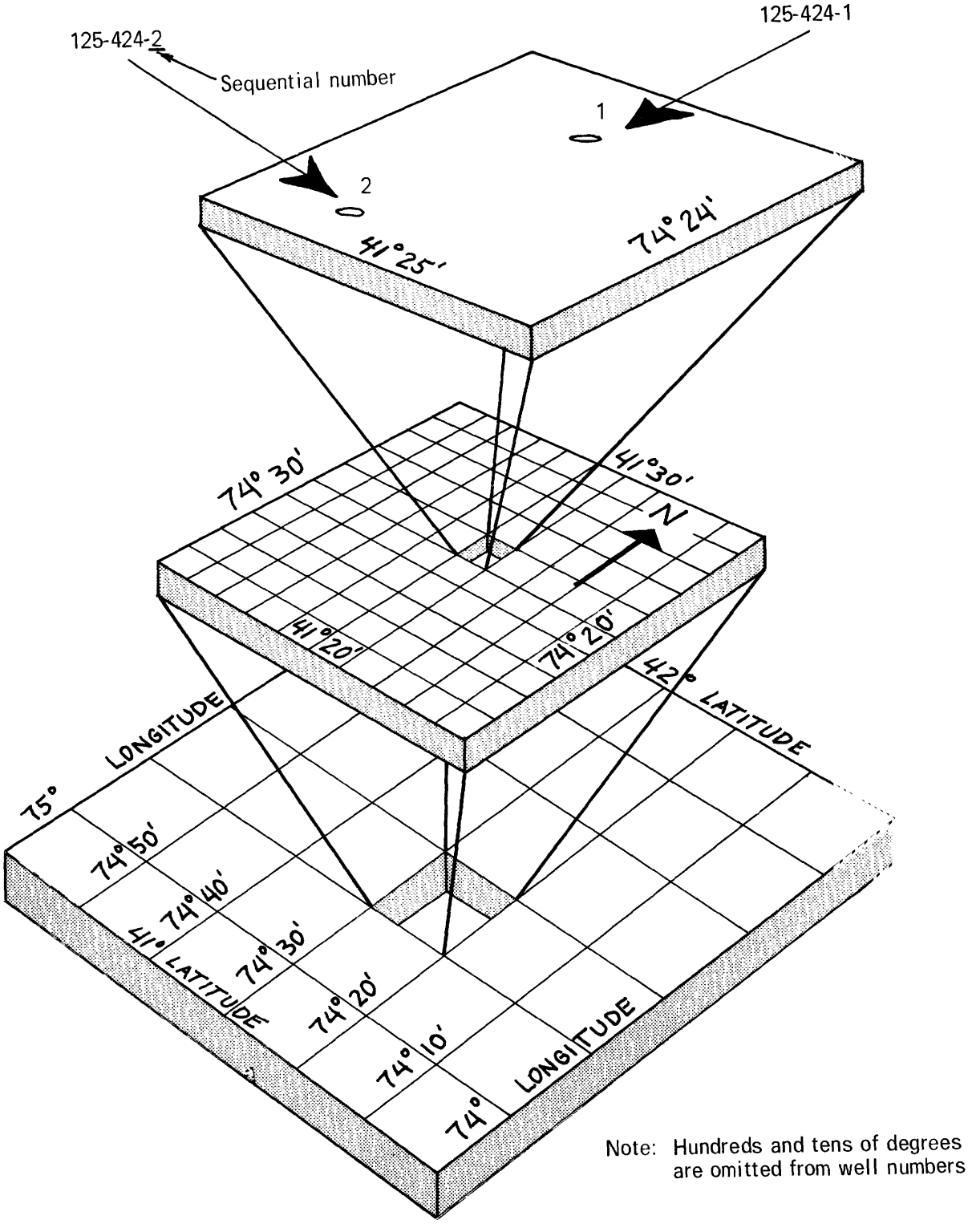

Figure 1.--Well-location system.

Table 1.--Records of selected wells and springs

Explanation of symbols and abbreviations used in table:

Well number: See text for explanation.

Use:
- A - agricultural
- C - commercial
- D - domestic
- I - institutional
- In - industrial
- O - observation
- P - public supply
- T - test
- U - unused

Method of construction; completion:
- Dr - drilled
- Dv - driven
- Du - dug
- J - jetted
- OE - open end
- OH - open hole
- P - perforated
- S - screened

Depth of well: All depths below land surface.
- r - reported
- ? - unknown

Measurement given to nearest foot except for well diameter which is given to nearest inch.

Diameter of wells: Diameters of dug wells are approximate. Multiple casing sizes are given, where applicable.

Aquifer:
- Carbonate - limestone, dolostone, or marble
- Crystalline - igneous or metamorphic
- None - no deposits that yield significant quantities of water were penetrated.
- ? - Unknown

Water level below land surface: All water levels are below land surface except those preceded by a plus (+) sign which are above land surface.
- flows - water flows above land surface.
- r - reported
- all others measured by U.S.G.S. personnel.

Topographic situation:
- Hs - hillside
- Ht - hilltop
- Pln - plain
- Plt - plateau
- Ter - terrace
- VF - valley flat

Altitude above sea level: estimated from topographic maps.

Remarks:
- Anal - chemical analyses
- dd - drawdown, in feet
- gpd - gallons per day
- gpm - gallons per minute
- H_2S - noticeable odor of hydrogen sulfide ("sulfur water")
- Iron - water contains a relatively high concentration of iron, and stains porcelain fixtures.
- Log - graphical log in this report.
- min - minutes
- temp - temperature, in degrees Celsius, measured by U.S.G.S.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
208-429-1	Pine Hill Water Co.	55	P	Dr; OH	r210	4	160	Sandstone	--	--	Hs	1,595	Auxiliary supply.
-2	do.	40	P	Dr; OH	r190	4	160	do.	--	--	Hs	1,660	Do.
-3Sp	do.	--	P	-- --	--	--	--	Till	flows	--	Hs	1,645	
-4Sp	do.	--	P	-- --	--	--	--	do.	flows	--	Hs	1,610	
-5Sp	do.	--	P	-- --	--	--	--	do.	flows	--	Hs	1,610	
208-402-1	H. Wetter	12	D	Dr; OH	100	6	35	Red sandstone and shale	--	--	Hs	610	
-2	V. Hommel	--	D	-- --	95	6	4	do.	--	--	Hs	620	
208-359-1	Fred Bars	30	A	-- --	165	6	2	Sandstone	--	--	VF	380	
208-357-1	C. S. Lasher	--	D	Du; P	20	36	20	Sand and gravel	--	--	VF	150	
207-430-1Sp	New York State	5	U	-- --	--	--	--	Till	flows	--	Hs	2,620	Temp 8.7 8/31/65.
207-423-1	J. S. Ford and Son	--	C, D	Dr; OE	145	8	145	Sand	+1.5	5/ 2/63	VF	1,050	
-2	Harry W. Buckman	--	D	Dr; OE	r139	8	139	do.	flows	5/ 2/63	VF	1,050	
207-359-2	H. Wells	--	D	Dr; OH	94	6	7	Sandstone	r14	7/11/49	Hs	440	
207-357-1	J. Fera	--	A, D	Du; P	24	42	24	?	--	--	Hs	160	
206-426-1	Mrs. H. Cohen	--	D	Dr; OH	270	6	260	Shale	--	--	VF	1,280	
206-423-1	George E. Yerry	18	D	-- --	r183	6	85	Sandstone	+.5	10/ 5/65	Hs	1,260	Log.
206-422-1	Fred A. Decker	50	D	-- --	137	6	80	do.	5.5	10/ 5/65	VF	1,020	Do.
-2	J. Dirocco	20	D	-- --	r205	6	180	do.	36.3	10/ 5/65	Hs	1,190	Cased through red shale, as well as unconsolidated glacial deposits.
206-421-1	Allaben Service Station	--	C, D	Du; P	6	42	6	Gravel	1	9/ 6/60	VF	975	
-4	N. Kelley	--	D	Dr; OH	260	6	160	Sandstone	r+2	7/26/49	Hs	1,000	
206-420-1	Colonial Manor	25	C, D	-- --	250	6	--	do.	flows	7/26/49	VF	940	
206-418-1	H. Shultis	0	D	-- OE	325	6	--	None	r+20	7/26/49	Hs	1,080	Filled with clay when capped.
206-402-1	G. Myer	3	D	-- OH	140	6	90	Shale	--	--	Hs	530	
-2	J. E. Curtis	50	A, D	-- --	129	6	--	Sandstone	r10	7/13/49	Hs	570	
206-401-1	M. Felten	10	D	-- --	90	6	--	do.	r8	7/11/49	Hs	340	
206-400-1	J. Baran	2	D	Du; P	8	60	8	Shale	r6	7/11/49	Hs	360	Enters shale at 3 ft.
206-359-1	Frederick Dircks	7	D	Dr; OH	168	6	58	do.	r6	7/12/49	Hs	450	
206-358-1	Mrs. Fred Eiveleit	--	D	Dr; OH	r135	6	17	Carbonate	--	--	Ter	170	
206-356-1	Mr. Pearson	4	A, D	-- --	200	6	6	Shale	--	--	Hs	190	
205-420-1	Bibi Pasquali	8	C	-- OE	r100	8	100	Sand and gravel	flows	1945	VF	900	
205-413-1	Mrs. Pitts	8	D	-- OH	r217	6	217	Sandstone	flows	7/18/49	Hs	1,200	
205-410-1	S. Schefren	40	C, D	-- --	r65	6	65	do.	r1.5	7/21/49	Hs	1,620	
205-356-1	A. L. Ranson	4	D	-- --	119	6	38	Shale	--	--	Hs	90	H_2S.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
204-427-1	Richard Gavette	12	D	-- --	r72	7	68	Sandstone	r10	3/ 1/66	VF	1,375	
-2	John Rossitz	40	D	Dr; OE	r96	7	97	Gravel	r10	6/12/65	VF	1,375	Backfilled 1 ft.
204-418-1	Mr. Michels	--	D	Du; P	18	36	18	Till	6.0	7/25/49	Hs	820	
204-412-1	Howard Humphries	20	D	Dr; OH	135	6	20	Sandstone	6.0	6/16/65	Hs	1,110	
204-411-1	School No. 5	--	I	-- --	61	6	--	do.	flows	7/25/66	VF	1,200	Partial anal; temp [illegible] 7/25/66.
204-401-1	Mr. Talia	--	D	-- --	r115	6	--	do.	--	--	Hs	320	
204-400-1	Mr. Kenan	6	D	Dr; OH	45	6	--	do.	--	--	VF	370	
204-359-1	Unknown	--	A	-- --	r125	6	6	Shale	flows	7/13/49	Hs	190	H_2S.
204-358-1	Arthur V. Wallot	52	D	-- --	r107	6	56	Carbonate	r5	1956	VF	165	Do.
204-357-1	Mr. Schraeter	--	T	Dr; OE	r114	--	114	Clay	r13	--	VF	65	Log; destroyed.
-2	do.	--	T	Dr; OE	r25	--	25	Sand	r3	--	VF	53	Log.
203-419-1	Paul Miller	10	D	-- --	440	8, 6	270	Sandstone	r50	8/23/49	Hs	1,200	
203-409-1	A. D. Harris	--	D	-- --	r167	6	30	Shale	--	--	VF	860	
203-407-1	Mr. Greenwood	7	D	-- --	r176	6	10	Sandstone	--	--	Hs	740	
203-403-1	John Hesselgrave	--	D	-- --	107	6	--	Shale	16.1	9/16/60	VF	345	
203-359-1	D. Camposa	--	D	-- --	r145	6	--	do.	45	7/14/49	VF	260	H_2S.
203-358-1	Charles Bennett	--	D	-- --	166	6	--	Carbonate	1.5	11/10/60	VF	165	Do.
-2	Unknown	26	D	-- --	r45	6	30	do.	r26	8/23/49	VF	160	
202-417-1	D. Schaffer	30	D	-- --	120	6	90	Sandstone	flows	7/25/49	VF	710	
202-416-2	Charles Gustafson	10	D	-- --	260	6	170	do.	r.0	1940	Hs	740	
202-409-1	McDaniel and Wingert	--	C	-- --	r265	6	--	do.	r50	--	Hs	670	
202-408-1	Richard E. Bark	--	C	-- --	r199	6	50	do.	28.3	12/14/60	VF	650	Partial anal; H_2S.
-2	Village of Woodstock	250	P	Dr; S	r36	10	26	Gravel	r8	9/ 8/60	VF	630	Log; backfilled 64 ft.
-3	do.	250	P	Dr; S	r36	10	26	do.	r8	9/ 8/60	VF	630	
202-403-1	Mr. Marek	19	D	Dr; OH	r80	6	--	Sandstone	--	--	Ter	365	H_2S.
202-359-1	John Greco	12	D	-- --	r135	6	135	Gravel	r40	9/ /59	VF	175	
-2	George Hoffman	60	P	-- --	r157	6	130	Carbonate	r14	7/14/49	Ter	180	H_2S; log.
-3	Mount Marion Water Co., Inc.	--	P	Dr; S	r81	12	66	Sand	--	--	Ter	180	
202-357-1	Henry Fuller	20	C, D	-- --	r165	6	140	Shale	r40	7/14/49	Ter	155	Partial anal; log.
201-442-1Sp	Fred Shaver	20	A	-- --	--	--	--	Gravel	0	10/26/66	VF	1,860	Spring in old stream channel.
-2	do.	--	A, D	Du; P	3	60	4	Till	0	10/26/66	Hs	1,900	Developed spring; supplies four houses and a barn; filled in 1 ft.
201-415-1	Howard C. Umbey	20	D	Dr; OE	r90	6	90	Gravel	--	--	Hs	910	
201-414-1	Perrine Studios	3	D	Dr; OH	r83	6	--	Sandstone	--	--	Hs	350	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
201-413-1	Wittenberg Grade School	3	I	-- --	r90	6	30	Sandstone	0.0	7/19/49	Hs	820	
201-411-1	E. Lester	12	D	-- --	r135	6	10	do.	--	--	Hs	820	Iron.
201-410-1	D. B. Schultis	--	D	-- --	r92	6	--	do.	--	--	VF	860	
201-408-1	Irving Parker	--	--	-- --	r138	6	--	do.	--	--	VF	930	
201-404-1	E. A. Schnack	--	D	-- --	r60	6	--	do.	--	--	VF	380	
201-400-1	Town of Ulster	--	T	Dr; OE	r71	8	71	Sand and gravel	r12.5	--	Hs	160	Log.
200-446-1	Anthony and Rosario Ganguzza	--	A	Dr; OE	33	6	36	Gravel	12.4	10/26/66	VF	1,650	Filled in 3 ft.
200-416-1	Beechford Farms, Inc.	20	A, D	Dr; OH	202	10, 8	202	Sandstone	flows	1945	VF	680	
200-415-1	V. Siegel	--	A, D	-- --	181	6	180	do.	flows	8/ 4/49	Hs	760	Flows 4 gpm from reduced outlet.
200-410-1	August May	9	D	-- --	r149	6	29	do.	r33	7/29/49	Hs	950	
200-406-1	Richard S. Gibbs	12	D	-- --	r98	6	22	do.	r30	1955	Hs	590	
-2	Edward and Jeanette Lasagni	7	D	-- --	r180	--	--	do.	r2	1956	Hs	600	H_2S.
200-404-1	Donald Osgood	--	D	-- --	r80	6	--	Shale	r6	9/13/60	Hs	418	
200-400-1	John Fredricks	--	U	Du; P	19	30	19	Gravel	13	10/18/60	Hs	200	
-2	Town of Ulster	--	T	Dr; OE	r64	8	64	do.	--	--	VF	150	Log; backfilled 2 ft.
-3	do.	--	T	Dr; OH	r47	8	44	Shale	--	--	Hs	160	Log.
-4	Halcyon Park Water Dist.	200	P	Dr; S	r74	6	57	Gravel	12.4	12/ 7/65	Hs	172	Do.
-5	N. Y. State Thruway Authority	200	P	-- --	r72	6	--	do.	r31	9/29/53	Hs	165	dd 17 after pumping 8 hours; log; temp 8.1 9/29/53.
200-359-1	L. R. Hall	--	D	Or; OH	r97	6	7	Shale	--	--	Hs	160	
-2	B. Bishop	30	D	-- --	r123	6	7	Carbonate	--	--	VF	115	
-3	Town of Ulster	--	T	-- --	r153	8	149	Shale	r24.5	--	Ter	150	Log.
200-357-1	Harry Carle	3	D	-- --	r128	6	20	Carbonate	9.1	10/20/60	Hs	180	
-2	R. Deininger	5	D	-- --	r110	6	40	Shale	r12	1951	Ter	190	
159-413-1	Kingston YMCA	--	I	Du; P	9	120	9	Gravel	flows	9/22/64	Hs	1,270	Temp 10.8 9/22/64.
-2	do.	6	I	Dr; OH	r136	6	--	Sandstone	--	--	Hs	1,330	
159-409-1	Charles Smishkoff	20	C, D	-- --	r128	6	8	do.	r46	7/29/49	Hs	730	
159-401-1	Cecelia and Anna Oldpaugh	--	D	-- --	103	6	--	do.	15.6	9/21/60	VF	140	
-2	Anna and Ernst Mossl	3 1/2	D	-- --	r136	6	10	do.	r60	1952	Hs	380	
-3	Unknown	3 3/4	D	-- --	r293	6	16	do.	r90	10/ /58	Hs	400	
159-400-1	Paul Clark	4	D	-- --	r162	--	--	do.	r112	10/18/60	Hs	210	
-2	Town of Ulster	--	T	Dr; OE	r74	8	74	None	--	--	VF	145	Log.
-3	do.	10	T	Dr; OE	r75	8	75	Gravel	--	--	VF	145	dd 4; log; backfilled 2 ft.
159-358-1	Kingsvale Water Co.	40	T	Dr; OH	r180	6	26	Shale	r0	1955	Ter	157	dd 140 after pumping 24 hours; log.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
159-357-1	Mr. Castellani	3 1/2	D	-- --	r134	6	13	Shale	r6	1954	Hs	80	
-2	H. C. Purdy	9 1/2	D	-- --	r217	6	25	do.	r60	1960	Hs	80	
-3	Charles B. Pearson	40	A, D	-- --	r60	6	40	do.	r2	1950	Ter	150	Log.
-4	Kingsvale Water Co.	20	T	-- --	r62	6	54	do.	+1.0	--	Ter	152	Do.
-5	do.	27	P	Dr; --	r48	8	--	Gravel	+4.0	--	Ter	140	dd 32; log.
-6	do.	15	P	Dr; OE	r40	6	40	Shale	--	--	Ter	142	dd 25 after pumping 336 hours; log.
-7	do.	10	T	Dr; --	r37	6	--	Gravel	--	--	Ter	140	dd 15; log; backfilled 11 ft.
-8	do.	10	P	Dr; OE	r30	6	30	do.	--	--	Ter	145	dd 15; log.
-9	do.	12	P	-- --	r48	6	48	do.	--	--	Ter	145	dd 18 after pumping 168 hours; log.
-10	do.	20	T	Dr; OH	r58	6	36	Shale	r5	--	Ter	135	dd 19; log.
-13	do.	43	T	Dr; OE	r37	6	37	Gravel	r1	--	Ter	152	dd 24; log; backfilled 15 ft.
-14	do.	25	T	Dr; S	r37	6	17	do.	--	--	Ter	150	dd 30; log.
-15	do.	15	T	-- --	r45	6	40	do.	--	--	Ter	149	Do.
158-417-1	Mr. Van Wagner	--	D	Dr; OH	r127	6	15	Sandstone	(r)flows	8/ 9/49	Hs	740	
-2	Bushkill School	--	I	-- --	r78	6	48	Shale	(r)flows	8/ 9/49	Hs	780	Flows 1/2 gpm 8/9/49.
-3	J. Maugnn	8	D	-- --	r195	6	120	Sandstone	15	8/ 9/49	VF	700	
158-416-1	J. U. Doonan	--	D	-- --	r170	6	100	do.	--	--	Hs	740	
158-413-1	Harles Rex	8	D	-- --	r122	6	27	do.	r9	7/29/49	Hs	700	
158-411-1	F. Mimhew	7	D	-- --	r175	6	85	do.	r30	7/19/49	Hs	680	
158-405-1	St. John's Roman Catholic Church	--	D	-- --	r120	6	--	do.	r20	9/23/60	Ht	470	Water becomes turbid if well is pumped several hours.
-2	Maude Sweeney	--	D	-- --	r65	--	--	do.	--	--	Hs	490	
158-404-1	Gordon Hyde	--	C, D	-- --	r60	6	--	Shale	r10	9/23/60	Hs	280	dd 2 after pumping 1 hour; H_2S.
158-401-1	Bernard and Francis Hamilton	15	D	Dr; OE	51	6	51	Gravel	6.7	9/21/60	VF	140	Well ends on bedrock.
-2	Harry Boice	--	D	Dr; OH	r106	6	29	Shale	flows	7/29/49	VF	200	Flows 2 1/2 gpm 7/29/49.
158-400-1	Lemuel J. Boice	--	U	-- --	173	6	--	do.	13.6	9/21/62	VF	145	Yield inadequate.
-2	Pratt Boice	30	A, D	-- --	r137	6	30	Carbonate	r57	--	VF	170	
-3	Town of Ulster	--	T	Dr; OE	r31	8	31	Sand and gravel	--	--	VF	145	Log.
-4	do.	600	P	Dr; S	r79	12	67	do.	r8.8	--	VF	140	Iron; log.
-5	do.	50	P	-- --	r85	6	--	do.	--	--	VF	140	dd 8 1/2; iron
-6	I.B.M.	300	I	-- --	r114	8	--	do.	--	--	VF	180	dd 50 after pumping 6 hours; slow recovery; log.
-7	do.	246	I	-- --	r115	6	--	do.	r33	1/25/65	VF	180	dd 61 after pumping 28 hours; slow recovery; backfilled 7 ft; log.
158-358-1	John F. Sorenson	--	D	Dr; OH	r28	--	--	Shale	r4	1957	Hs	200	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
158-358-2	John O'Connell	12	D	-- --	r200	6	6	Shale	r1	4/ /59	Hs	180	
158-357-1	Alex Kish	5	D	-- --	r180	6	90	do.	r60	1957	Hs	80	H_2S.
157-416-1	William Colange	25	D	-- --	r229	6	5	Sandstone	r60	--	Hs	780	
-2	Don Bishop	20	D	-- --	r134	4	134	do.	(r)flows	--	Hs	770	Flows in wet seasons.
-3	J. H. Harrison	6	D	-- --	r135	6	10	do.	r15	8/ 9/49	Hs	800	
157-408-1	Ernest Hinz	--	D	-- --	63	6	--	do.	29.7	9/30/60	Hs	778	
-2	Willis Wolven	--	D	Du; P	15	36	15	Sand and gravel	10.7	9/30/60	Hs	650	
-3	do.	--	A	-- --	16	42	16	do.	8.3	9/30/60	Hs	650	
157-407-1	Rudolph Steiner	10	D	Dr; OH	r80	--	--	Sandstone	--	--	Hs	670	
-2	do.	--	D	Du; P	20	27	20	Sand and gravel	11.9	9/30/60	Hs	670	
-3	Earl Baker	--	D	Dr; OH	r90	6	--	Sandstone	--	--	Hs	670	
157-406-1	Carmine Immediato	5	D	-- --	r95	6	4	do.	r16.5	9/23/60	Ht	630	
-2	do.	35	A	-- --	r146	6	--	do.	r17.5	9/23/60	Ht	630	
-3	Town of Hurley	20	C	-- --	r153	6	3	do.	--	--	Ht	640	
157-403-1	Robert Cordon	--	D	-- --	124	6	50	Shale	21.2	9/22/60	Hs	250	H_2S.
157-402-1	Ira Saxe	--	A, D	-- --	64	8	--	do.	16	9/22/60	Hs	200	
-2	James McCabe	--	D	-- --	r97	6	34	do.	r3	8/11/49	Hs	170	
157-401-1	Warren Swarthout	6	D	-- --	r180	6	--	do.	--	--	Ter	220	H_2S.
-2	Joseph Port	4	D	-- --	r36	6	8	do.	r15	11/10/60	Hs	185	
-3	Alfred Port	20	D	-- --	r191	6	10	do.	r90	1956	Hs	190	H_2S.
157-358-1	L. LaRocca	5	D	-- --	r200	6	4	Carbonate	r120	5/ /59	Hs	240	Partial anal.
156-415-1	T. Zinner	--	A, D	-- --	r163	6	57	Sandstone	r5	8/ 4/49	Hs	670	
-2	Brodhead School	30	I	-- --	r164	6	60	do.	r10	8/ 4/49	Hs	690	Flows in wet seasons.
156-409-1	Unknown	--	D	-- --	r83	6	18	do.	r20	9/28/60	Hs	620	
-3	do.	3	A	-- --	r65	6	2	do.	r18	9/28/60	Hs	630	
156-408-1	John Cole	70	D	-- --	r150	6	10	do.	--	--	Hs	620	
156-404-1	Henry Paul	--	D	-- --	r70	6	24	Shale	--	--	VF	190	
-2	T. Comerford	12	A, D	-- --	r85	6	40	do.	r25	8/10/49	Hs	140	
-3	B. Teufel	30	D	-- --	r160	6	45	do.	r12	8/10/49	Hs	170	H_2S.
156-403-1	Frank Boice	6	D	-- --	r160	--	5	do.	--	--	Hs	360	
-2	Raymond Elmendorf	350	P	Dr; S	r101	6	96	Gravel	flows	5/ 7/56	VF	155	Iron; log.
156-402-2	Ulster Tool and Die Corp.	25	I	Dr; OH	r50	8	40	Carbonate	r8	3/12/58	Hs	200	
-3	Siller Beef Co.	27	I	-- --	r280	6	40	do.	r30	--	Hs	220	Temp 9.8 10/4/60.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
156-402-4	Siller Beef Co.	15	I	-- --	r150	6	40	Carbonate	r30	--	Hs	220	Auxiliary supply.
-5	Sunset Drive-in Theater	7	C	Dr; OH	r241	6	200	Shale	--	--	VF	155	
-6	Town of Ulster	--	T	Dr; OE	r224	8	224	None	--	--	VF	155	Log.
-7	do.	7	T	Dr; OH	r101	8	77	Carbonate	--	--	VF	190	Do.
156-401-1	Harold C. Van Vliet	--	A	Dv; S	19	2	17	Sand	11.2	9/21/60	VF	150	
-2	James P. Byrne	2	I	-- --	r14	2	13	do.	--	--	VF	150	Temp 10.5 9/22/60.
-3	N. Y. State Thruway Authority	55	I	Dr; OH	r140	--	--	Carbonate	r20	--	VF	150	dd 5; iron; log.
-4	do.	20	I	-- --	r320	--	172	do.	--	--	VF	150	
-5	Town of Ulster	--	T	Dr; OE	r173	8	173	Gravel	--	--	VF	150	Log.
155-433-1	Warren Cole	--	D	Dv; S	r21	2	--	Sand	--	--	VF	1,680	
155-414-1	Camp High Point	75	C	-- --	r310	6	80	Sandstone	--	--	Hs	700	
155-412-1	Werner Mattson	--	D	Dr; OH	79	6	--	do.	10.3	9/28/60	Hs	550	
155-411-1	Granville Bush	--	D	-- --	r180	6	--	do.	r100	9/30/60	Hs	520	
155-410-1	Johanna Reis	--	D	Du; P	23	36	23	Gravel	5.3	9/30/60	Hs	500	
155-409-1	George Frost	2 1/2	D	Dr; OH	r62	6	--	Sandstone	r39	9/27/60	Hs	575	
-2	Louis Napalitano	2	D	-- --	r83	6	6	do.	--	--	Hs	570	
155-408-1	George Kraemer	2	U	-- --	222	6	--	do.	37.5	9/27/60	Hs	630	
155-406-1	John Brinnier	6	D	-- --	r183	6	6	Shale	r65	9/23/60	Hs	630	
155-405-1	Henry W. Schroeder	8	D	-- --	r146	6	--	do.	--	--	Hs	240	H_2S.
155-404-1	Henry Paul, Sr.	--	U	Du; P	21	36	21	Gravel	16.3	9/23/60	VF	170	
-2	Michael Mehlinger	7	D	Dv; S	r27	1	25	Sand	r16	1960	VF	165	
-3	C. E. Elmendorf	--	D	Dr; OH	r260	6	250	Shale	r15	--	VF	170	Log.
155-402-1	Spring Lake Fire Dept.	5	D	-- --	r100	6	40	Carbonate	--	--	VF	300	Shale at land surface.
-2	Calvin E. Cutler	2	D	-- --	r467	6	--	do.	9.5	10/10/60	Hs	235	
-3	do.	3	U	-- --	r380	6	--	do.	9.1	10/10/60	Hs	235	Shale at land surface.
-4	Harold Finkle	11	D	-- --	r185	--	--	do.	--	--	Hs	310	
-5	Town of Ulster	--	T	-- --	r40	8	37	Shale	--	--	VF	250	Log.
155-401-1	William Zang	15	U	-- --	371	6	30	do.	flows	6/16/65	Hs	285	
155-358-1	Port Ewen Water Dist.	235	T	Dr; OE	r96	--	96	Sand	r6	1960	VF	1	dd 48; iron; log.
154-413-1	Robert Crispell	20	D	Dr; OH	r87	6	5	Sandstone	r20	--	Hs	620	
-2	Freda Reiner	4	D	-- --	r125	6	--	do.	--	--	Hs	645	
-3	Bernard Stahl	--	D	-- --	r130	6	--	do.	r20	9/28/60	Hs	800	
154-410-1	Mamie Markel	--	D	Du; P	28	36	28	Till	18.4	9/28/60	Ter	470	
-2	Herman Hacker	5	D	Dr; OH	r92	8	24	Sandstone	r40	9/28/60	Hs	510	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
154-409-1	Willy Kohler	10	C, D	-- --	78	6	70	Shale	8.0	9/26/60	VF	265	
-2	A. L. Joos	--	D	-- --	143	6	--	do.	71.1	9/27/60	Hs	590	
-3	Walter Reichert	--	D	-- --	r135	6	--	do.	--	--	Hs	530	
-4	Henry O. Rygh	--	D	Du; P	20	36	20	Till	6.7	9/27/60	Hs	560	
154-408-1	Hank Hasenflue	6	D	Dr; OH	r86	8	6	Shale	r9	9/27/60	Hs	410	
154-407-1	Homer DeWitt	--	D	-- --	r135	8	36	do.	--	--	Hs	380	
154-406-1	Robert Davenport	--	D	Du; P	18	42	18	Sand	9.7	9/26/60	VF	190	
154-405-1	Jack A. Gill	--	D	-- --	20	36	20	Till	8.7	9/26/60	Hs	180	
-2	Barbara Turner	--	D	Dr; OH	r82	6	8	Carbonate	r30	10/ 5/60	Hs	200	
-3	Angelo A. Bruno	15	D	Dr; OH	r104	6	24	do.	r28	1948	Vr	190	
154-403-1	Preston Knight	--	D	-- --	r80	6	10	Shale	r55	1954	Hs	230	
154-402-1	Bernard O'Malley	8	D	-- --	r90	6	7	do.	r5	1957	Hs	310	
154-400-1	Mr. Crystal	60	D	-- --	r140	6	22	Carbonate	r70	--	Hs	90	
154-359-1	Walter Whipple	1	D	Du; P	r5	60	5	Sand	flows	11/15/60	Hs	140	
-2	Forst Packing Co.	65	C	Dr; OH	315	6	51	Carbonate	(r)flows	7/12/49	Jr	60	
-3	do.	19	C	-- --	150	7	82	do.	flows	7/12/49	VF	60	Originally drilled to 510 ft, then filled to 150 ft.
154-358-1	Robert Proper	--	A	Du; P	r18	30	18	Sand	r14	--	Hs	180	Partial anal; temp 10/12/60
-2	Port Ewen Water Dist.	--	T	-- --	r24	--	--	Sand and gravel	r3	1960	Jr	3	Log.
153-428-1	John Higgins	--	D	Dv; S	r20	2	--	Gravel	r14	--	Vr	960	
153-414-1	Rudolf Andersen	6	D	Dr; OH	155	6	--	Sandstone	55.1	9/28/60	Hs	300	
-2	Robert Beesimer	35	D	-- --	35	6	6	do.	1.2	9/28/60	Hs	800	
153-413-1	Erik Johnson	3	D	-- --	r100	6	6	do.	r20	9/28/60	Hs	920	
153-412-1	O. Czerwinka	--	D	-- --	r95	6	20	do.	--	--	Hs	905	
153-409-2	William S. Bush	--	A, D	Dr; OE	r200	6	200	Sand and gravel	r30	--	Hs	290	Reportedly pumps fine sand.
-3	do.	--	A, D	Du; OE	r2	--	2	Sandstone	--	--	Hs	470	
153-408-1	William J. Ellsworth	3	D	Dr; OH	r206	6	85	Shale	r80	5/ /59	Pln	350	Water is turbid.
-2	Leon E. Guillon	10	D	-- --	r56	6	12	do.	r10	1936	Hs	370	
153-407-1	Constantine Dimeo	--	D	Du; P	r18	36	18	Sand and gravel	--	--	VF	220	
-2	do.	10	D	Dr; OH	r100	6	--	Shale	--	--	VF	220	H_2S.
-3	Theo. Stank	12	D	-- --	r100	6	--	do.	r40	1955	VF	220	Do.
-4	M. V. Bryant	--	C	Du; P	13	36	13	Sand and gravel	8.2	9/26/60	VF	190	Partial anal.
-5	N. E. Heit	15	D	Dr; OE	r63	6	63	Sand	r12	8/11/49	VF	190	
-6	do.	20	D	-- --	r28	6	28	do.	12.8	8/11/49	VF	190	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
153-407-7	Mr. Elliot	--	D	-- --	r105	6	105	Sand	r18	8/12/49	VF	190	Log.
-8	George Monsees	1	D	Dr; OH	r233	6	6	Shale	r17	8/10/49	Hs	240	
153-406-1	Milton Burland	0	U	-- --	r315	6	111	do.	r20	1957	VF	170	Inadequate, destroyed; very fine sand reported at 70 ft.
-2	do.	20	D	Du; P	r14	--	--	Sand and gravel	r10	10/ 3/60	VF	170	
-3	George Shaver	2	D	Dr; OH	r175	6	--	Carbonate	--	--	Hs	210	
-4	James Krom	5	D	-- --	r87	6	6	do.	--	--	Hs	220	
153-405-1	Leo McHugh	8	D	-- --	r168	6	18	do.	r68	1951	Hs	240	
153-404-1	Romeo Carbonaro	11	D	-- --	r187	6	4	Shale	r40	3/11/59	Hs	270	
-2	do.	--	A	Du; P	13	36	13	Till	3.6	10/10/60	Hs	265	
153-401-1	Art Bock	40	D	Dr; OH	147	6	100	Shale	4.9	11/16/60	VF	10	
153-400-1	Frank Scruck	--	D	Du; P	12	30	12	Clay	8.1	11/14/60	VF	10	
-2	A. Steingerwald	--	D	Dr; OH	56	6	--	Sand and gravel	16.4	11/15/60	VF	30	
-3	Allen Fitzgibbons	30	D	Dr; OH	r40	6	10	Shale	r10	11/15/60	VF	20	Well reportedly flowed when drilled in 1941.
153-359-1	Port Ewen Water Dis.	250	P	Dr; S	50	30	40	Gravel	+1.3	11/18/65	VF	140	H_2S; log; interferes with well 153-359-2; 250 gpm was original reported yield; backfilled 1 ft.
-	do.	162	P	Dr; S, OH	r220	30?	55	Gravel; shale	.9	11/18/65	VF	145	dd 37 after pumping 9 hours 11/30/50; log; screened from 54.5 to 64.5 ft; also produces from bedrock.
-3	Robert Ronder	10	A, D	Dr; OH	r85	6	20	Quartzite	--	--	Hs	180	
-4	Port Ewen Water Dist.	--	D	Dv; S	61	2	61	Gravel	+.8	11/18/65	VF	145	
152-413-1	Irving Hansen	1	A, D	Dr; OH	r105	6	20	Sandstone	r11	8/19/49	Hs	865	
152-412-1	H. Trowbridge	--	A, D	Dr; OH	r90	6	18	do.	r30	8/15/49	Hs	820	
152-410-1	C. Bergman	10	D	Dr; OH	r98	6	20	do.	r16	8/16/49	Hs	700	Iron.
152-409-1	A. M. Chattfield	--	D	-- --	r225	6	--	Shale	r30	9/27/60	Hs	420	
152-408-1	William Berryann	75	D	Du; P	r16	36	16	Sand and gravel	r12	9/26/60	VF	210	
-3	Mr. Vitali	20	D	Dr; OH	135	6	100	Shale	+2.5	10/ 4/60	VF	190	Partial anal.
-4	Michael Cieslinski	--	D	-- --	128	6	--	do.	46.5	10/ 3/60	Hs	330	
-6	L. Hunt	7	D	-- --	r78	6	40	do.	--	--	Hs	280	
152-407-1	Charles Campbell	--	D	-- --	210	6	--	do.	128.4	10/ 3/60	Hs	280	
152-406-1	Mr. DeWitt	--	U	Du; P	15	42	15	Till	9.0	10/ 7/60	Hs	240	
-2	Ken Cole	--	A	Dr; OH	107	6	21	Carbonate	23.5	5/16/62	VF	210	
152-405-1	Mr. Bockelmann	1	D	-- --	205	6	10	Shale	17.3	10/ 7/60	Hs	370	Partial anal.
-2	do.	--	U	-- --	171	6	10	do.	6.6	10/ 7/60	Hs	370	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
152-403-1	Fred Bordenstein	7	D	-- --	r174	6	8	Carbonate	--	--	Hs	240	
152-402-1	Henry C. Hartman	--	D	Du; P	4	48	4	Sand	0.6	11/15/60	VF	40	
-2	Mr. Jagschitz	20	D	Dr; OH	r185	6	40	Shale	r40	1941	Ter	175	
-3	Hilda M. Schoonmaker	3	D	-- --	r118	6	--	do.	r35	1955	Ter	180	
-4	Bloomington Fire Co., Inc.	10	I	-- --	r155	6	50	do.	r65	--	Ter	180	dd 55 after pumping 5 hours.
152-401-1	John Buzdygan	9	D	-- --	r60	6	18	do.	r42	1951	Hs	205	
152-359-1	Anthony Amato	--	D	-- --	r68	6	--	do.	9.6	10/25/60	Hs	160	
152-358-1	George Jordan	5	D	-- --	r100	6	35	do.	r12	1942	Ht	230	
152-357-1	Port Ewen Water Dist.	30	T	Dr; S	r34	--	24	Gravel	r5.5	1960	VF	10	Log; recovery slow.
-2	do.	--	T	Dr; OE	r36	--	36	do.	--	--	VF	10	Log.
151-411-1	C. C. Walden, Jr.	6	D	-- --	r300	6	--	Sandstone	r150	8/19/49	Hs	680	H_2S.
151-410-1	Unknown	--	D	Du; P	10	26	10	Till	4.0	5/17/62	Hs	370	Temp 10.5 5/17/62.
151-409-1	Anton Schreiner	--	D	Dr; OH	r105	6	--	Shale	--	--	Ter	385	
-2	Richard Huebner	16	D	-- --	r120	6	--	do.	28.9	10/31/60	Ter	350	
-3	Alfred Slater	4	D	-- --	r147	6	47	do.	10	4/ /57	VF	390	Partial anal.
-4	Nauman Nilsen	10	A, C	-- --	r205	6	2	do.	--	--	Hs	440	
-5	A. P. Koster	2	D	-- --	r205	6	36	do.	--	--	Hs	400	Log; turbid.
-6	do.	6	D	-- --	r64	6	2	do.	r6	--	Hs	400	
-7	C. P. Osterhoudt	--	D	Dr; OE	r164	6	164	Gravel	r40	--	Hs	360	
-8	Scarpai Bros.	3	D	Dr; OH	r284	6	91	Shale	r7	--	Hs	390	
-9	Nauman Nilsen	7	D	-- --	r146	6	15	do.	--	--	Hs	420	
-10	do.	1	A	-- --	r155	6	3	do.	--	--	Hs	420	
151-408-1	Mrs. Frank Silkworth	2	D	-- --	r256	6	--	Carbonate	r15	8/ /55	Hs	380	Partial anal.
-2	Mrs. Amy Hardenbergh	--	D	Du; P	3	28	3	Sand	.6	5/16/62	VF	210	
-3	Oliver Bogart	4	D	Dr; OE	r190	6	190	Sand and gravel	--	--	VF	265	
-4	Albert Terwilliger	1	C	Dr; OH	r516	6	65	Shale	r4.5	10/27/65	Hs	350	Log.
151-406-1	Mr. Backert	4	D	-- --	r58	6	--	Carbonate	9.2	10/27/65	Ter	240	
151-404-1	J. Rastatter	24	D	-- --	r150	6	50	do.	r13	11/ 2/60	Hs	240	
151-402-1	John Hennessey	5	D	-- --	r122	6	80	Shale	r30	7/ /60	VF	45	H_2S.
151-400-1	Charles Gaston	16	D	-- --	r27	6	6	Quartzite	r8	7/ /54	Hs	255	Partial anal.
-2	Robert Berger	10	D	-- --	r41	6	25	do.	r18	7/ /60	Pln	255	
151-359-1	Arnold Lutz	--	D	Du; P	13	42	13	Sand	9.6	10/25/60	Hs	140	
151-358-1	R. Fiordaliso	4	D	Dr; OH	r65	6	3	Shale	--	--	Hs	200	
151-357-1	Dwain Freese	1	D	Dr; OH	r176	6	44	do.	r25	1957	Hs	140	H_2S.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
150-426-1	Alfred Baum	11	D	-- --	r220	6	57	Sandstone	r180	1959	Hs	1,540	Log.
150-412-1	Morton Miller	14	A, D	-- --	r250	6	135	Carbonate	r60	--	VF	365	Iron.
150-411-1	Harold Everett	40	D	Dr; OE	r75	6	75	Gravel	r6	--	VF	340	
-2	Mr. Christiana	--	A, D	Du; P	5	42	5	Sand	2.8	5/18/62	VF	340	
-3	John Bracher	--	D	-- --	21	28	21	Till	14.2	5/21/62	VF	405	
150-410-1	Albert Hoffman	--	D	Dr; OE	r150	6	150	Sand	--	--	VF	360	Iron.
150-409-1	Howard R. Burgess	40	D	Dr; OH	r82	6	40	Carbonate	25	1956	VF	385	
-2	William Roosa	10	D	-- --	r238	6	185	Shale	r45	5/ /57	VF	385	H_2S.
-3	Adelbert Demmel	1	D	-- --	r156	6	146	Carbonate	--	--	Ht	370	
-4	Stanley Roosa	--	D	Du; P	14	24	15	Sand and gravel	10.1	5/17/62	VF	385	Filled in 1 ft.
150-408-1	Hi-Way Pharmacy	3	C	Dr; OH	r200	6	--	Shale	--	--	Hs	385	
150-407-1	August Bergemann	6	A, D	-- --	r223	6	10	Carbonate	62.1	11/ 4/60	Hs	265	
150-404-1	George D. McEvoy	2	D	-- --	r213	6	113	do.	r22	1954	Ter	250	Log.
-2Sp	Village of Rosendale	90	P	-- --	--	--	--	Sand	flows	4/ 8/65	Hs	145	Temp 9.5 4/8/65.
150-402-1	Alfred Lesch	20	D	-- --	r85	6	10	Shale	r50	--	Hs	180	Partial anal.
150-401-1	Everet Rimmi	--	D	-- --	r29	6	--	do.	r17	8/29/59	Hs	400	
150-358-1	William and Anna Cole	--	D	Dr; OE	r22	8	22	Sand and gravel	r12	1942	VF	135	Partial anal; log.
149-424-1	Frank Woods	20	D	Dr; OH	r134	6	37	Sandstone	r0	1957	Ter	1,230	
149-420-1	Jack Ortlieb	--	D	Dr; OE	r154	6	154	Gravel?	r+10	7/ /59	Hs	770	Flows 18 gpm at 4 ft below land surface 6/7/62.
-2	Russell Kurtright	30	D	Dr; OH	r207	6	190	Sandstone	r80	1953	Hs	830	
149-416-1	Fredrick J. Collins	--	D	-- --	r242	6	120	Carbonate	r29.5	5/28/62	Hs	450	H_2S.
149-413-1	Stephan W. Steidt	--	C, D	Du; P	34	36	34	Sand	14.5	5/21/62	Hs	440	Iron
149-412-1	Gerald DeWitt	--	A, D	-- --	6	42	6	do.	--	--	VF	360	
-2	Mrs. I. B. Skinner	--	D	-- --	6	42	6	Sand and gravel	.0	5/22/62	VF	355	
-3	do.	--	U	-- --	20	40	20	Sand	19.8	5/22/62	VF	380	
149-410-1	Charles W. Davis	1	D	Dr; OH	r210	6	97	Shale	r30	1938	Hs	360	
-2	Mr. Van Aken	--	A, D	-- --	r150	6	20	Carbonate	r11	1959	VF	345	Iron.
-3	do.	3	A, D	Du; P	17	36	17	Till	15.3	5/18/62	VF	345	Temp 7.8 5/18/62.
-4	do.	6	A, D	Dr; OH	153	6	--	Carbonate	24.1	5/18/62	VF	345	H_2S; temp 7.8 5/18/62.
149-409-1	William Warren	--	T	Dr; --	80	6	--	do.	+.3	5/18/62	VF	280	Flows about 50 gpm.
-2	J. L. Barmann	25	D	Dr; OH	71	6	18	do.	--	--	VF	190	
149-408-1	William Warren	--	D	Du; P	18	36	18	Till	9.0	5/18/62	Hs	290	
-2	William T. Powers	--	D	Du; P	3	33	--	Sand	1.1	5/23/62	VF	180	Temp 10.5 5/23/62.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
149-407-1	Dave Countryman	1	D	Dr; OH	r117	6	11	Carbonate	--	--	Hs	290	
149-405-1	John Delora	11D	P	-- --	r64	6	--	do.	6.8	12/10/64	VF	100	dd 10 after pumping 7 hours; originally flowed.
-2	do.	--	O	-- --	r61	6	30	do.	6.3	12/10/64	VF	100	Produces from 3-ft fracture zone; 149-405-1 and this well probably hydraulically connected to flooded limestone mine.
-3	Village of Rosendale	25	P	-- --	r225	6	8	Shale	r10	4/ 5/65	Hs	435	Shale 0-140, limestone 140- , still drilling 4/5/65.
149-404-1	Herman Dsmers	8	A, D	Du; P	16	36	16	Sand	6.8	10/27/60	VF	210	
-2	George McEvoy	--	C, D	Dv; S	r30	1	27	do.	15	10/ /64	Pln	237	
-3	John Wilson	4	D	Dr; OH	r250	6	170	Shale	r50	10/ /64	Pln	235	Log.
-5	Kenneth Gordon	3	D	Dr; OH	231	6	249	Clay	13.3	11/17/64	Pln	220	Pink clay in well; abandoned; probable broken casing and filled in to 231 ft.
-6	Mrs. Elizebeth Griffin	low	D	Dr; OH	r327	6	320	?	r30	--	Pln	220	Log.
149-403-1	J. Hohmann	12	D	Dr; OH	r245	6	180	Shale	--	--	VF	190	
-2	Kingston Consolidated School System	--	O	Dv; S	47	2	44	Sand	20.0	10/14/64	Pln	230	
-3	do.	58	I	Dr; OH	r175	6	--	Shale	--	--	Pln	230	
-4	Frank Klepeis	5	D	-- --	185	6	77	do.	17.9	7/20/64	Pln	185	Log; temp 12.6 at 20 ft, 11.0 at 50 ft, 11.2 at 100 ft, and 11.5 at 180 ft.
-5	Oliver Craig and Frank Rowe	15	D	-- --	r185	6	62	?	--	--	Pln	245	
-6	James Guerreri	40	D, C	-- --	r385	8	242	Carbonate	r60	12/ /65	Pln	240	dd 125; log.
149-402-1	Walter Warren	12	D	-- --	r72	6	15	Shale	r37	1958	Ht	340	Partial anal.
-2	John Grady	18	D	-- --	r97	6	8	do.	r50	1956	Hs	340	
149-401-1	Gary Silvera	30	D	-- --	125	6	21	Quartzite	--	--	Hs	400	
149-358-1	James Coutant	10	D	-- --	r49	6	8	Shale	r19	1949	Hs	70	
148-419-1	Mrs. Mebel Kortright	--	D	Du; P	18	36	18	Till	11.0	6/ 4/62	Hs	815	Temp 8.9 6/4/62.
-2	do.	--	D	-- --	7	42	7	do.	.8	6/ 4/62	Hs	815	
-3	Dennis Decker	5	D	Dr; OH	r121	6	11	Shale	r31	6/ 4/62	Ht	740	
148-418-1	Ernest Keater	30	C, D	-- --	r135	6	90	do.	(r)flows	1950	Hs	485	H_2S.
-2	Nellie Deyo	7	D	-- --	r221	6	65	do.	r1	1947	Pln	440	Do.
-3	Unknown	--	D	-- --	357	6	80	do.	82.2	6/ 4/62	Hs	660	
-4	Linden Hills Realty	45	P	-- --	r180	6	18	Sandstone	--	--	Ter	635	
148-417-1	Charles Kolodziejski	--	A, D	Du; P	5	38	--	Sand and gravel	3.8	5/29/62	Pln	430	Temp 10.5 5/29/62.
-2	Martin Anderson	--	D	Dr; OH	300	6	106	Shale	101.9	5/31/62	Pln	605	
148-416-1	Unknown	--	D	Du; P	22	36	22	Sand and gravel	12.2	5/31/62	Pln	380	
-2	Loyd Embrre, tenant	--	D	-- --	14	42	14	Till	7.8	5/31/62	Hs	570	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
148-415-1	Mathew Ruach	--	D	-- --	9	42	10	Till	3.7	5/25/62	Hs	420	Temp 10.5 5/25/62; filled in 1 ft.
-2	Ervin Goldman	30	C, D	Dr; OH	r380	6	200	Carbonate	r25	5/25/62	VF	410	Log.
-3Sp	Arthur Weinstein	50	C	-- --	--	--	--	Gravel	flows	5/28/62	Hs	370	Temp 8.3 5/28/62; flows 50 gpm.
-4	Harry Tatadar	--	C	Du; P	10	60	10	Sand and gravel	2.3	5/28/62	VF	410	
148-414-1	Leroy Kelder	--	D	-- --	12	37	12	Till	6.8	5/25/62	Hs	395	Temp 9.4 5/25/62.
-2	Jerry Daly	--	D	Dr; OH	208	6	39	Carbonate	30.4	5/26/62	Hs	430	
-3	Kenneth J. Rider	--	D	Du; P	5	42	6	Till	.2	5/28/62	VF	370	Temp 12.8 5/28/62; filled in 1 ft.
148-412-1	George R. Blake	5	D	Dr; OH	r172	6	--	Shale	r60	5/21/62	Hs	410	H_2S.
-2	Claude Lyons	--	A, D	-- --	r150	6	--	Carbonate	--	--	VF	285	
-3	do.	--	D	Du; P	20	36	20	Sand	15.5	5/22/62	Hs	290	
-4	Howard Sykes	--	D	Dr; OH	r160	10	--	Carbonate	--	--	VF	275	H_2S.
-5	do.	--	C, D	Du; P	13	42	13	Sand	10	5/22/62	VF	275	
148-410-1	John Wohltman	4	D	Dr; OH	r200	6	18	Carbonate	r90	8/ /49	Ter	370	
-2	Shawangunk Co-operative Dairy	--	C	-- --	r260	6	15	do.	122.8	5/23/62	Hs	250	
148-409-1	Raymond Furman	30	D	-- --	r75	6	24	do.	r22	1948	Ter	240	
148-404-1	Richard Atkins	1	D	Dr; OH	r325	6	200?	Shale	r8	1939	VF	185	H_2S.
-2	Unknown	10	D	-- --	r333	6	250	do.	r100	--	VF	180	
-3	Harry Mellish	1	D	Dr; OH	r445	6	213	do.	r40	10/ 8/26	VF	180	Anal; clay in water.
147-421-1	Unknown	--	D	Du; P	19	36	19	Till	15.5	6/15/62	Hs	625	
147-419-1	Mr. Tessler	25	A,C,D	Dr; OH	r487	6	80	Carbonate	r30	1961	Pln	500	H_2S.
-2	Herman Jaffe	--	D	Du; P	14	36	14	Shale	6.9	6/ 7/62	Pln	500	
-3	Elroy Smith	30	A, D	Dr; OH	r605	6	99	do.	r148	10/10/66	Ht	500	Anal; natural gas in water.
147-418-1	Mrs. Leland Johnson	--	D	-- --	43	42	45	Sand and gravel	35.7	6/ 4/62	Pln	390	Backfilled 2 ft.
-2	Harry Stone	--	D	-- --	31	94	31	Till	8.0	6/ 4/62	Pln	385	
-3	do.	3	D	Dr; OH	r437	6	70	Carbonate	r35	10/ /61	Pln	385	Log.
-4	Jack Schloss	40	C	-- --	r140	6	140	Shale	r85	5/ /52	Hs	485	
-5	do.	100	C	Dr; OE	r180	6	180	Gravel	r80	1959	Hs	500	
-6	Oscar Gray	14	D	Dr; OH	r170	6	149	Shale	120.8	6/ 7/62	Pln	380	
147-417-1	Fred Duscher	--	D	Du; P	19	42	19	Sand	17.2	5/31/62	Pln	390	
-2	Charles R. Slater	4	D	Dr; OH	r246	6	180	Carbonate	r100	9/ /60	Pln	365	Log.
-3	Don Sahler	--	D	Du; P	9	42	9	Till	2.2	6/ 1/62	Pln	330	
147-416-1	Clyde H. Gazlay	25	D	Dr; OE	r220	6	220	Sand and gravel	r10	--	VF	265	Iron; log.
-2	Howard Terwilliger	--	D	Du; P	16	42	16	Sand	13.7	5/29/62	Pln	365	
-3	Unknown	--	D	-- --	19	42	19	Sand and gravel	17.6	5/29/62	Pln	370	Temp 8.9 5/29/62.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
147-416-4	Richard Pontello	35	D	Dr; OH	r235	6	60	Shale	--	--	Pln	385	H_2S.
-5	Charles Gaydos	14	D	-- --	r220	6	100	Carbonate	r100	1960	VF	370	
147-415-1	Carl Spiegel	--	A, D	Du; P	10	36	10	Sand and gravel	1.4	11/ 9/60	Hs	330	
-2	Byron Van Demark	350	C, D	Dr; OE	r92	6	92	do.	r38	12/ /61	VF	270	Iron.
-3	Albert Myers	--	A, D	Dr; OH	r87	6	15	Carbonate	r23	1957	VF	265	
147-414-1	Herman C. Gazlay	12	D	Dr; OE	81	6	84	Gravel	17.3	11/ 9/60	VF	230	Backfilled 3 ft.
-2	Mr. Besdestry	40	C, D	Dr; OE	r90	6	90	do.	47.3	5/25/62	VF	270	H_2S; log.
147-413-1	Charles Ludlow	--	D	Dr; OH	r130	6	100	Carbonate	--	--	Hs	280	Iron.
-3	Unknown	50	C	-- --	271	6	2	do.	2.1	5/23/62	VF	260	
147-412-1	Muncy Sondak	15	D	-- --	r104	6	72	Shale	r40	1960	VF	255	Partial anal; H_2S.
147-410-1	Mr. Boyce	--	A, D	-- --	90	6	20	Carbonate	5.7	5/23/62	VF	205	
147-405-1	Joseph McDermott	--	D	Du; P	r10	30	10	Sand	r6	10/27/60	VF	185	
147-357-1	J. Straley	8	D	Dr; OH	r109	6	54	Shale	r5	1956	VF	115	Partial anal; log.
-2	Mr. Ecker	15	D	-- --	r54	6	23	do.	--	--	VF	110	
146-429-1	M. Krumszyn	16	C	-- --	r320	6	270	Sandstone	r140	--	Hs	1,080	Log.
146-424-1	Laurence Smith	100	D	-- --	r212	6	203	do.	flows	4/ 5/66	VF	650	Log; flows about 4 gpm.
146-420-1	Frank Spada	--	D	Du; P	13	42	13	Sand	9.9	6/11/62	VF	270	
-2	N. Y. State Dept. of Correction	15	I	Dr; OH	r270	6	160	Shale	15.5	6/11/62	VF	280	Log; water turbid.
-3	do.	--	I	Du; P	17	240	17	Silt	8.4	6/11/62	VF	280	
146-419-2	Howard Van Leuven	--	A, D	-- --	31	30	31	Silt and clay	8.6	6/ 8/62	Ht	360	Temp 8.3 6/8/62.
-3	Herman Haberman	--	D	-- --	13	42	13	do.	8.3	6/ 8/62	Hs	330	
-4	do.	--	D	-- --	15	42	16	do.	2.8	6/ 8/62	Hs	325	Iron; filled in 1 ft.
-5	Mrs. Tranchina	20	D	Dr; OH	205	6	189	Carbonate	33.3	6/ 8/62	Hs	300	
146-418-1	Mr. Brody	6	D	Dv; S	19	1	15	Sand	12.4	6/ 7/62	VF	255	
-2	Fred Ousterhoudt	40	C	Dr; OE	r210	6	210	Gravel	r25	1961	VF	260	Log; temp 11.2 6/7/62.
-3	Rondout Valley Central School	40	I	Dr; OH	r208	6	--	Shale	r20	1957	VF	260	Water occasionally contains coarse sand, aquifer may be sand and gravel.
-4	Benjamin Depuy	12	D	-- --	r310	6	--	do.	--	--	Pln	280	
-5	Victor D'Alessio	--	D	-- --	67	6	--	Carbonate	15.7	6/ 8/62	VF	255	
-6	Emil Wurst	--	D	Du; P	19	36	19	Sand	17.4	6/14/62	VF	240	Temp 9.4 6/14/62.
-7	Lou Finkbiner	50	D	Dr; OE	r218	6	218	Gravel	113.0	9/23/65	Hs	360	Iron; log; gravel heaved about 11 ft when drilled.
-8	Guy Finkbiner	50	D	-- --	r235	6	235	do.	r109	9/23/65	Hs	360	Iron; log.
146-417-1	Julies Herschowsky	15	D	Dr; OH	r295	6	--	Carbonate	--	--	VF	370	

Table 1.--Records of selected wells and springs (Continued)

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146-417-2	Mrs. May Krom	--	D	Du; P	16	42	16	Silt	12.4	6/ 1/62	VF	370	Temp 8.9 6/1/62.
146-407-1	Brit Boice	12	D	Dr; OH	r120	6	10	Shale	r10	1963	Hs	910	
146-406-1	Leone Atherton	2	D	-- --	r300	6	18	do.	--	--	Hs	210	Water turbid.
-2	Al Tupone	1	D	-- --	r200	6	10	do.	--	--	Hs	400	H_2S; water turbid.
-3	William Schick	6	D	-- --	r70	6	10	do.	r1	7/ /64	Hs	300	
146-405-1	Unknown	5	D	-- --	100	6	70	do.	9.3	7/ 2/65	VF	180	Log; water turbid; filled in 50 ft.
146-403-1	A. Sofo	--	--	-- --	r350	6	--	do.	r100	7/ /58	Hs	290	
-2	Ernest Costello	7	D	-- --	r135	6	46	do.	--	--	Ht	440	2 gpm at 75 ft, 5 gpm at 124 ft, 7 gpm at 135 ft.
146-402-1	Unknown	15	D	-- --	r110	--	--	do.	r33	12/ 1/60	Hs	420	
145-426-1	Thomas Burkhouse	6	D	-- --	r185	6	96	Sandstone	--	--	Ht	1,105	
145-425-1	Jack Kerner	4	D	-- --	r225	6	25	do.	r50	--	Hs	1,140	
145-423-1	Mr. Messanger	--	D	Du; P	6	80	6	Sand and gravel	4.5	6/19/62	Hs	550	Temp 8.9 6/19/62.
145-422-1	George Hornsberger	--	D	Dr; OH	145	6	90	Shale	--	--	Hs	415	
-2	John Bradley	3	D	-- --	r180	6	150?	do.	32.2	6/15/62	Ter	590	Iron.
-3	Unknown	6	D	-- --	r180	6	90	do.	r30	1961	Ter	500	Do.
-4	G. Geiselhart and R. Pivin	8	D	-- --	92	6	46	do.	31.7	6/18/62	Ter	580	
145-421-1	Blum and Burkee	--	D	Du; P	13	42	13	Sand	9.1	6/11/62	VF	285	Iron.
-3	Alex Payak	4	D	Dr; OH	r130	6	12	Shale	11.4	6/15/62	VF	290	H_2S.
-4	do.	--	D	Du; P	12	30	12	do.	10.2	6/15/62	VF	290	Inadequate.
-5	Hazel Terwilliger	--	D	-- --	2	52	2	Sand	.7	6/15/62	VF	340	
145-420-1	H. Kortright	7	D	Dr; OH	151	6	50	Carbonate	13.1	6/11/62	VF	290	Iron.
-2	Albert Adler	17	D	Dr; OE	186	6	186	Gravel	r25	6/11/62	VF	270	Do.
-3	Aldrich Munro	--	D	Du; P	8	42	8	Sand	6.5	6/11/62	VF	255	
-4	do.	4	D	Dr; OE	331	6	331	Sand and gravel	23.2	11/15/64	VF	290	Log.
-5	Bernard Smith	9	D	Dr; OE	312	6	312	Shale	--	--	VF	260	Iron; flowed when drilled; pumped reddish water for first 4 weeks.
-6	Cecil Krom, Jr.	6	D	Dr; OH	286	6	69	do.	r30	10/ /64	Hs	320	H_2S; log; turbid black water.
145-419-1	H. Small and Allen Tefft	--	A, D	-- --	197	6	40	Conglomerate	34.3	6/14/62	VF	305	
145-407-1	Edward Kerkam	6	D	-- --	100	6	4	Shale	r1	1962	Hs	350	
145-406-1	New Paltz Water Dist.	--	T	-- --	32	--	31	None	--	--	Hs	250	
145-405-1	do.	--	T	-- --	r89	6	79	do.	r8	6/19/51	VF	180	Log.
-2	do.	--	T	-- --	r174	6	172	do.	--	--	VF	180	Do.
-3	do.	--	T	-- --	r175	6	174	do.	--	--	VF	180	Do.
-4	do.	--	T	-- --	r89	6	87	do.	r10	1/29/51	VF	180	Do.

Table 1.--Records of selected wells and springs (Continued)

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145-405-5	New Paltz Water Dist.	--	T	-- --	r40	6	38	None	--	--	VF	180	Log.
145-404-1	J. Zagarini	35	D	Dr; OH	r111	6	18	Shale	r15	1955	Hs	210	
145-403-1	M. Branco	18	D	Dr; OH	r125	--	--	do.	--	--	Hs	430	H_2S.
-2	Victoria Williams	--	D	Dr; OH	r98	6	--	do.	--	--	VF	310	
-3	C. Frank Ott	3	D	-- --	r126	6	35	do.	r10	1958	Hs	380	H_2S.
-4	Walter Coutant	--	D	-- --	65	6	15	do.	7.6	7/27/64	Hs	370	
-5	Jack Erman	15	D	-- --	117	5	22	do.	4.8	7/27/64	Hs	380	
-6	do.	16	C	-- --	r200	6	10	do.	7.3	7/27/64	Hs	350	H_2S; iron; water enters well near end of casing.
-7	Howard Simpson, Jr.	12	D	-- --	130	6	--	do.	20.5	7/27/64	Hs	380	
-8	Howard Simpson, Sr.	2	D	-- --	r340	6	--	do.	r7	5/ /63	Ht	375	
145-402-1	Unknown	--	D	-- --	r75	6	--	do.	16.9	12/ 1/60	Hs	375	Inadequate.
145-358-1	Highland Training School	3	D	-- --	r300	6	50	Quartzite	--	--	Hs	340	
145-357-1	Railway Express	4	C	-- --	r260	6	22	Shale	--	--	Hs	375	Abandoned well 30 ft away, 300 ft deep, yield 1/2 gpm.
144-427-1	Sam Wagner	75	C	-- --	--	6	120	Sandstone	25.0	5/14/63	Hs	1,035	Flows in spring.
-2	do.	--	C	-- --	r400	6	--	do.	14.5	5/14/63	Hs	1,060	Water occasionally turbid.
144-426-1	Unknown	--	D	Du; P	19	36	19	Till	4.9	5/15/63	Hs	870	
144-423-1	Charles Gurgeui	7	D	Dr; OH	r160	6	40	Sandstone	37.7	6/27/62	Ter	600	
144-422-1	James A. Irish	5	D	-- --	-196	6	43	Shale	r30	1940	Hs	345	H_2S.
144-422-2	Donald Brown	--	C, D	Dr; OE	159	6	159	Gravel	58.3	6/19/62	VF	290	Iron.
-3	Mrs. Christy Black	--	D	Du; P	9	36	9	do.	6.5	6/19/62	VF	320	
-4	George Gentile	--	D	Dr; OH	r196	6	--	Sandstone	--	--	Ter	590	
-5	George Mechler	3	D	-- --	r135	6	30	do.	r30	1959	Ter	600	Water occasionally turbid.
-6	Unknown	10	D	-- --	127	6	45	do.	30.0	6/25/62	Ter	600	Log.
-7	Mr. Terwilliger	--	D	Du; P	7	42	7	Gravel	1.4	6/19/62	Hs	480	Iron.
-8	Fred Weeks	--	D	-- --	18	36	18	do.	14.3	6/20/62	VF	305	
-9	Walter Bennett	--	A, D	-- --	11	38	11	do.	9.4	6/20/62	VF	280	Iron; temp 10 6/20/62.
-10	Harold D. Sheley	2	D	Dr; OH	r220	6	--	Carbonate	--	--	VF	310	Iron.
-11	Mrs. W. L. Cleary	--	D	-- --	92	6	--	Shale	+.5	6/20/62	VF	315	H_2S.
144-421-1	Eastern Correctional Inst.	200	I	Dr; S	r186	8	--	Gravel	15.0	9/14/59	VF	285	dd 48 after pumping 4 hours.
-2	do.	300	I	-- --	r105	8	--	do.	15.0	9/14/59	VF	285	dd 36 after pumping 3 1/2 hours.
-3	do.	3	O	Dr; OE	46	8	--	do.	20.2	6/18/62	VF	295	U.S.G.S. observation well; was originally 65 ft deep; screen has collapsed.
-4	do.	20	T	Dr; OE	188	8	188	Carbonate	12.7	6/28/62	VF	290	Well ends on bedrock.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
144-421-5	Eastern Correctional Inst.	--	T	-- --	80	8	80	Gravel	11.1	6/29/62	VF	285	
144-420-1	Alex Kochex	--	D	Du; P	14	60	14	do.	9.9	6/11/62	VF	270	Temp 11.1 6/11/62.
144-412-1	Unknown	--	D	Dr; OH	112	6	20	Conglomerate	18.4	4/24/63	Hs	1,145	Iron; temp 8.7 4/24/63.
144-406-1	John L. Sterling	6	D	-- --	r140	6	74	Shale	r30	1965	Ter	205	
-2	George Schmalkuche	--	D	-- --	r200	6	140	do.	r30	1965	Ter	210	
-4	Edward Beck	4	D	Dr; OH	r170	6	80	do.	r30	1964	Ter	225	H_2S.
-5	Bert M. Reynolds	3	D	-- --	r200	6	140	do.	r30	--	Ter	225	
-6	Frank Donahue	10	D	-- --	r140	6	100	do.	30	--	Ter	225	Iron.
-7	New Paltz Water Dist.	--	T	-- --	r35	6	9	None	r7	8/24/51	VF	210	Log.
144-405-1	Charles H. Staats	10	D	-- --	r140	6	70	do.	--	--	Ter	210	
-2	W. E. Gooderham	--	D	-- --	r145	6	70	do.	r30	--	Ter	210	
-3	James Geis	4	D	Dr; OE	r70	6	70	Gravel	r30	--	Ter	205	Iron.
-4	New Paltz Water Dist.	--	T	-- --	r81	--	81	None	--	--	VF	210	Log.
-5	do.	--	T	-- --	r149	--	149	do.	--	--	VF	180	Do.
-6	do.	--	T	Dr; OH	r167	--	164	do.	--	--	VF	180	Do.
144-404-1	John Clearwater	3	D	Du; P	r13	30	12	Shale	r11	7/28/64	Hs	420	Do.
144-403-1	Forrest Hasbrouck	40	D	Dr; OH	53	6	15	do.	9.9	12/ 5/60	Pln	360	
-2	Perry J. Wilson	10	D	-- --	r90	6	--	do.	--	--	Pln	355	
-3	Charles Freihofer's Baking Co.	--	C	-- --	103	6	--	do.	10.8	7/28/64	Pln	360	Partial anal.
-4	Motel Corporation of America	--	C	-- --	r350	6	--	do.	--	--	Pln	380	Uses softener.
-5	Mobil Oil Company	--	C	-- --	r90	6	--	do.	--	--	Pln	370	H_2S; iron.
144-401-1	R. Boise	20	D	-- --	r75	6	20	Quartzite	r20	1958	VF	385	
-2	Charles Roche	15	D	-- --	r110	6	15	do.	r50	1956	VF	400	
144-400-1	Joseph Johnson	5	D	-- --	r137	6	15	do.	r5	1958	Hs	420	
-2	Charles Ligotino	33	A, D	-- --	r85	6	20	do.	10.0	12/ 6/60	Hs	390	Partial anal.
144-358-1	Mr. Indelacato	--	D	Du; P	21	36	21	Sand and gravel	12.4	12/ 6/60	Hs	335	Do.
143-423-1	Channel Master Corp.	325	I	Dr; S	r87	16, 10	72	do.	r6.5	6/18/53	VF	308	dd 60 after pumping 22 hours; iron; log; backfilled 2 ft.
-2	do.	125	I	-- --	r51	16, 10	40	do.	r8	6/15/56	VF	305	Iron; log; rock at 53 ft; screened 39.5 to 49.5 ft; backfilled 4 ft.
143-422-1	Edison Connor	--	D	Du; P	17	36	17	do.	13.6	6/20/62	VF	310	Temp 8.9 6/20/62.
-2	Donald Strouse	3	D	Dr; OE	r150	6	150	None	r90	1930	VF	330	Log; abandoned.
-3	Homer Kuhlman	--	C	Dr; OH	110	6	18	Conglomerate	.4	6/20/62	Hs	390	Iron; abandoned.
-4	Murray Zucklow	--	A	Dr; OE	109	5	109	Sand	1.8	6/26/62	VF	310	
143-411-1	William Conner	5	C, D	Dr; OH	100	6	--	Shale	16.3	4/24/63	Hs	548	H_2S.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
143-411-2	William Conner	5	C, D	-- --	r40	6	18	Shale	--	--	Hs	540	
-3	Julius Wendeln	7	D	-- --	r120	6	20	do.	9	9/ /64	Hs	275	H_2S.
143-409-1	N. Y. Children's Aid Society	65	C, I	-- --	r440	12, 10	42	do.	20.5	4/24/63	Ht	330	H_2S; temp 10.2 4/24/63.
143-407-1	Frank Di Bendetto	--	D	-- --	r200	6	134	do.	flows	--	VF	220	Iron; produced "sulfur water" during first year of use.
-2	George Owens	5	D	-- --	r190	6	140	do.	0	1962	VF	220	Iron; log; backfilled 22 ft.
-3	Vincent D'Amore	--	D	-- --	r140	6	70	do.	9.6	7/ 2/65	VF	220	Iron; log.
-4	Raymond Reddy	4	A	-- --	r120	6	70	do.	35.5	7/20/65	Ter	225	H_2S; iron; log.
143-406-1	C. W. Gerard	13	D	-- --	r100	6	30	do.	--	--	Ht	340	
-2	Robert Lasher	4	D	-- --	r180	6	70	do.	--	--	Ter	220	Log.
-3	Miss Tilly Blake	7	D	-- --	r120	6	5	do.	r15	1959	Hs	220	
143-405-1	Kenneth E. Duryea	9	D	-- --	r109	6	--	do.	--	--	Hs	340	
143-403-1	L. Stripp	2	D	-- --	r133	6	--	do.	--	--	VF	370	
143-357-1	Peter Affa	7	D	Dr; OH	r125	6	23	do.	--	--	Ht	235	
142-424-1	William Schacht	50	C, D	-- --	r115	6	15	do.	25	1959	VF	410	
-2	Donald Sprague	5	D	-- --	r256	6	110	Sandstone	--	--	VF	425	
-3	Nevele Country Club	--	T	-- --	r85	10	79	Shale	--	--	VF	325	Log.
142-423-1	Village of Ellenville	--	T	-- --	r62	6	--	Sand	--	--	VF	335	Do.
-2	do.	90	T	Dr; S	r25	6	20	Sand and gravel	r5.3	9/29/60	VF	320	dd 7.6 after pumping 6 hours; iron, manganese; log; backfilled 58 ft.
-3	do.	143	T	-- --	r25	6	20	do.	r4.9	10/ 4/60	VF	320	dd 5.1 after pumping 8 hours 40 minutes, same as after 1/2 hour; log; backfilled 38 ft.
-4	do.	100	T	-- --	r30	6	26	do.	r6.3	10/ 6/60	VF	325	dd 10 after pumping 1 hour 20 minutes; iron, manganese; log; backfilled 18 ft.
-5	do.	90	T	-- --	r28	6	23	do.	r5.2	10/24/60	VF	355	dd 8.4 after pumping 4 hours; log; backfilled 8 ft.
-6	do.	--	T	Dr; P	r25	6	21	do.	r5.8	10/24/60	VF	330	Log; backfilled 1 ft.
-7	do.	170	T	Dr; S	r35	6	30	do.	r6.3	9/ 5/61	VF	325	dd 16.3 after pumping 12 hours; log; temp 8.9 9/5/61; backfilled 7 ft.
-8	do.	133	T	-- --	r20	6	19	do.	--	--	VF	325	dd 5.1 after pumping 6 hours; log; backfilled 43 ft.
-9	do.	1,000	P	Du; S	r39	105	37	do.	r5.3	12/ 4/61	VF	330	Log; temp 11.1 6/28/62; backfilled 15 ft.
142-422-1Sp	Mr. Gottfried	36	I	Du; OH	r120	48	0	Conglomerate	flows	6/26/62	Hs	480	Temp 8.3 6/26/62; spring in abandon mine tunnel, 406 ft from entrance.
142-411-1	Canterbury Farms	--	A, D	Dr; OH	r180	6	--	Shale	6.2	4/26/63	Hs	270	
-2	do.	--	D	-- --	60	6	--	do.	4.1	4/26/63	Hs	285	Abandoned.
142-410-1	George Agor	8	D	-- --	69	6	8	do.	17.6	7/20/65	Ht	330	Unused.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
142-409-1	N. Y. Children's Aid Society	32	I	-- --	r500	12, 10	40	Shale	flows	4/24/63	VF	225	H_2S; temp 11.0 4/24/63; reported no increase in yield below 150 ft.
-2	do.	32	I	-- --	r150	6	--	do.	flows	4/24/63	Hs	300	H_2S; temp 10.3 4/24/63.
-3	do.	60	I	-- --	r425	12, 10	40	do.	--	--	Hs	320	H_2S.
142-408-1	Joseph Hrobrov	14	D	-- --	r110	6	--	--	--	--	Ter	330	
-2	George Sleezer	20	D	-- --	r112	6	20	Shale	--	--	Ter	290	Partial anal.
-3	Mrs. John Basic	6	D	-- --	r120	6	10	do.	r20	1963	Hs	325	
142-407-1	Kenneth E. Hasbrouck	8	D	-- --	r80	6	10	do.	--	--	Hs	1,360	
-2	Arthur Brennan	10	D	-- --	r60	6	10	do.	r30	1964	VF	2,215	
142-404-1	Tony Rizzott	--	A, D	-- --	46	6	20	do.	14.9	12/ 5/60	Pln	380	Partial anal.
-2	William Tozzi	5	D	-- --	r229	6	170	do.	--	--	Pln	365	Partial anal; H_2S.
142-403-1	Unknown	--	--	Du; P	9	36	9	Till	5.5	12/ 5/60	Hs	435	
142-400-1	Peter Maroldt, Jr.	12	D	Dr; OH	r90	6	--	Quartzite	--	--	Hs	550	
141-424-1	Louis Perl	30	C	-- --	r250	6	90	Shale	3.4	6/27/62	VF	340	Turbid water.
-2	Mr. Reichel	30	C	-- --	301	6	134	do.	33.9	6/27/62	VF	360	Temp 10.8 6/27/62.
-3	do.	30	C	Dr; OE	r180	6	180	Gravel	5.1	6/27/62	VF	340	Flowed when drilled.
-4	S. Zarobchick	50	C	-- --	r168	6	168	do.	3.0	6/27/62	VF	335	Do.
-5	Nevele Country Club	--	T	-- --	r207	10	203	None	--	--	VF	330	Log.
-6	Village of Ellenville	150	T	Dr; S	r101	6	91	Sand and gravel	r15	--	VF	360	
141-423-1	do.	--	T	-- --	r66	6	66	None	--	--	VF	375	Log.
141-412-1	Reiner Theiben	2	D	Dr; OH	r171	6	65	Shale	r8	1961	Ter	265	H_2S; log; turbid water.
141-411-1	Robert Colichio	6	D	-- --	r160	6	80	do.	11.0	7/20/65	Ter	260	Iron.
-2	Joseph Sanzone	6	D	-- --	r120	6	40	do.	r20	--	Ter	255	
-3	Larry Butendari	5	D	Dr; OE	r124	6	124	Gravel	0	--	Ter	250	H_2S.
-4	Michael Christ	--	D	Dr; OH	r190	6	110	Shale	0	1962	Ter	250	H_2S; iron.
-5	Joseph Zavocki	5	D	-- --	r125	6	100	do.	6	4/ /64	Ter	250	H_2S.
-6	Joseph Katz	6	D	-- --	r142	6	81	do.	0	4/ /63	VF	245	H_2S; log.
-7	John MacEntee	50	P	Dr; OE	r56	6	56	Gravel	flows	--	VF	230	
141-410-1	G. D. Gardener	20	D	Dr; OH	r80	6	6	Shale	r1.2	1957	Hs	330	
-2	do.	--	D	Du; P	11	30	11	Till	5.3	4/24/63	Hs	330	
-3	George Kropp	8	D	Dr; OH	r82	6	5	Shale	--	--	Ht	270	
-4	B. Briggs	60	D	-- --	r80	6	23	do.	r13	1955	Hs	240	
141-407-1	John F. Fall	--	D	-- --	r40	6	--	do.	--	--	Ht	405	
-2	Kenneth E. Hasbrouck	--	D	Du; P	18	30	18	Sand and gravel	11.1	12/ 9/60	Ht	405	

Table 1.--Records of selected wells and springs (Continued)

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141-407-3	Kenneth E. Hasbrouck	8	A, D	Dr; OH	r120	6	50	Shale	r2	1956	Hs	405	
-4	L. W. Cossano	5	D	-- --	r112	6	84	do.	r80	5/ /61	Hs	380	
141-406-1	William Eisenhardt	3	D	-- --	r300	6	72	do.	r26	6/ /60	Pln	410	Partial anal.
141-402-1	Charles Wickham	20	D	-- --	r90	5	34	Quartzite	--	--	Hs	550	
141-401-1	Frank E. Berean	2	D	-- --	416	6	20	do.	24.9	9/21/65	Ht	650	
141-400-1	Margaret Dayton	25	D	-- --	r90	6	58	do.	flows	8/ /64	VF	550	
141-358-1	Joe Copolla Trucking Co.	15	C	-- --	r100	6	20	Shale	--	--	VF	352	
140-425-1	James Innes	16	D	-- --	r170	6	36	do.	43.3	6/29/62	VF	440	
-2	Meshe Weiss	--	C	Du; P	3	120	3	Sand and gravel	.8	6/29/62	VF	360	Temp 8.0 6/29/62.
140-424-1	Frank Skelly	12	D	Dr; OH	r310	6	275	Shale	35.5	6/27/62	VF	370	H_2S; heaving sand and gravel in overburden.
-2	Mr. Bloomstein	--	D	-- --	288	6	213	do.	28.3	6/27/62	VF	370	
-3	Mary Lewis	--	D	Du; P	r20	36	20	Sand and gravel	18.2	6/29/62	VF	390	Temp 8.3 6/29/62.
140-422-1	Robert Van Kleeck	--	D	Dr; OH	83	6	18	Shale	37.3	4/10/65	Hs	1,900	
-2	do.	1	D	-- --	205	6	14	do.	46.5	4/10/65	Hs	1,940	
-3	Laurence Keir	8	D	-- --	50	6	48	do.	23.2	4/10/65	Hs	1,890	Vertical rock cleavage reported to cause caving.
-4	Fred Warner	30	D	-- --	64	6	60	do.	22.0	4/10/65	Hs	1,890	Do.
-5	Frank Warner	11	D	-- --	80	6	80	do.	8.9	6/12/65	Hs	1,890	Do.
-6	Poppo and Leland	20	D	-- --	213	6	16	do.	11.5	6/12/65	Ht	2,120	
140-419-1	Vincent Mahon	20	D	-- --	r324	6	321	Conglomerate	r232	1964	Ht	1,165	dd 18; soft white rock 261 to 324 ft; well penetrates talus blocks of Shawangunk Conglomerate.
140-418-1	Buntell Schwartz	20	D	-- --	r190	6	105	Shale	31.7	7/20/60	Hs	1,000	
140-417-1	Rod Reed	5	D	-- --	r150	6	100	do.	r20	1958	Hs	640	
-2	Trygve Torgeson	6	D	-- --	r172	6	128	do.	r0	1958	Hs	720	
-3	Richard Hagman	11	D	-- --	r211	6	121	do.	20	--	Hs	790	
-4	Ben Jutz	10	D	-- --	r180	6	110	do.	r25	1960	Hs	850	H_2S.
140-413-1	Bruce Tompkins	1	D	-- --	307	6	72	do.	21.2	9/ 3/65	Hs	340	
140-409-1	Mrs. Eva Butter	--	D	-- --	r140	6	--	do.	--	--	VF	300	
-2	Cornelius Taylor	6	D	-- --	r160	6	70	do.	--	--	Hs	390	
140-408-1	William Johnson	4	D	-- --	50	6	18	do.	11.5	7/20/65	Hs	420	
-2	Freda Kindlworth	--	D	-- --	42	8	--	do.	11.9	7/20/65	Hs	420	
-3	Robert Walters	8	D	Dr; OH	r78	6	19	do.	r10	6/20/65	Hs	420	Iron.
-4	John Casey	24	D	-- --	r65	6	18	do.	r25	11/ /64	Ter	330	
140-403-1	Joseph Vincent	5	D	-- --	r150	5	26	Quartzite	--	--	Hs	740	

Table 1.--Records of selected wells and springs (Continued)

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140-402-1	Thomas Mulligan	12	D	-- --	r280	6	100	Quartzite	--	--	Hs	690	
-2	A. Vallerugo	30	D	-- --	r124	5	13	do.	--	--	Ht	730	
140-358-1	Peter X. McManus	40	A, D	-- --	r100	6	--	Shale	11.8	9/22/65	Hs	370	
140-357-1	Milton Water Dist.	60	P	Dr; S	r72	12	52	Sand and gravel	flows	5/ /55	VF	10	dd 60 after pumping 22 hours, original yield 215 gpm; iron; log.
139-425-1	William Nissenbaum	60	C	Dr; OH	r265	6	--	Shale	8.8	6/29/62	VF	390	
139-419-1	Alfred Carrozza	--	D	Dr; OE	r100	6	100	Gravel	flows	10/22/64	Hs	745	Iron; temp 10.4 10/22/64; flows 3 gpm.
-2	Kenneth Spadola	40	D	Dr; OH	r300	6	110	Shale	flows	7/20/65	Hs	640	
-3	Carl Sneller	10	D	-- --	r230	6	193	do.	r36	--	Hs	735	Gravel at 145 ft.
-4	Mrs. P. H. Brown	20	D	-- --	r220	6	186	Conglomerate	r32	--	Hs	850	Well penetrates talus blocks of Shawangunk Conglomerate.
139-418-1	Daniel F. Bailey	9	D	-- --	r220	6	190	Shale	flows	1958	Hs	690	Log.
-2	Frederick Redder	10	D	-- --	136	6	114	do.	8.9	7/20/65	Pln	530	
139-414-1	Richard G. Hanke	5	D	-- --	r157	6	65	do.	--	--	Ter	360	H_2S.
139-413-1	Bernard Gerham	5	D	-- --	r66	6	54	do.	--	--	Hs	290	H_2S; iron.
-2	James Cleveland	7	D	-- --	r107	6	55	do.	r28	1964	Hs	300	
139-410-1	Joseph Watt	10	D	-- --	r90	6	30	do.	--	--	Ter	310	Log.
139-408-1	Virtis Corp.	25	I	-- --	r130	8	20	do.	50.3	9/ 3/65	Hs	500	
139-402-1	Jack Bombino	8	D	-- --	r95	5	23	Quartzite	--	--	Ht	665	
138-422-1	Benjamin F. Wilcox	10	D	-- --	r230	6	207	do.	41.8	9/10/65	Hs	710	Well penetrates talus blocks of Shawangunk Conglomerate.
-2	Greg Greer	12	D	-- --	r256	6	188	do.	r27	1965	Hs	660	Do.
-3	Greg Greer, Jr.	10	D	-- --	r230	6	219	do.	r25	1964	Hs	700	Do.
-4	Mr. Androvic	40	D	Dr; OE	r133	6	133	Gravel	flows	9/10/65	Hs	715	dd 60; iron; temp 12.1 9/10/65; flows 1/2 gpm.
138-421-1	Edward Levy	--	D	-- --	r180	6	180	do.	flows	9/10/65	Hs	760	Iron; water turbid; flows 10 gpm 9/10/65.
138-417-1	Mrs. Joseph Backmann	4	D	Dr; OH	r224	6	40	Shale	r38	--	Ht	450	
138-416-1	Chester Gorczynski	4	D	-- --	r233	7	25	do.	r55	1963	Hs	450	H_2S; turbid water.
-2	Daniel Scott	30	D	-- --	r70	6	68	do.	r22	5/ /63	VF	400	Log.
138-415-1	Mrs. Grace Tamble	20	D	-- --	r70	6	25	do.	r11	8/ /64	VF	350	
-2	Benny Orden	8	D	-- --	r126	6	50	do.	r20	1958	Hs	380	
138-413-1	Henry Bayer	3	D	-- --	r167	6	87	do.	--	--	VF	285	Log.
-2	Nick Zwart	6	D	-- --	r94	6	19	do.	--	--	Hs	375	
138-412-1	Gilbert June	8	D	-- --	r125	6	30	do.	r7	1965	Ht	390	Turbid water.
138-409-1	Rod Gregg	25	A	-- --	175	6	22	do.	15.2	7/20/65	Pln	380	
138-405-1	Maple Villa Bungalow Colony	20	P	-- --	172	6	--	do.	56.9	9/21/65	Ht	650	Had H_2S when first drilled.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
138-403-1	Arthur H. Fosler	--	D	-- --	148	6	--	Quartzite	15	9/21/65	Hs	710	
138-359-1	Paul Todaro	10	D	-- --	r150	--	--	Shale	r14	1961	Hs	510	
138-357-1	James Eckerson and Co.	20	C	-- --	r135	6	20	do.	--	--	Hs	290	
-2	Smith and Hicks Blacktopping	20	C	-- --	r105	6	--	do.	--	--	Hs	200	
137-422-1	Reuben Weed	65	D	-- --	r225	6	--	do.	--	--	Ht	620	Originally 193 ft deep, rock at 145 ft; well collapsed, then drilled deeper and added casing.
-2	William Sherman	12	D	Dr; OH	r167	6	130	Conglomerate	r20	--	Hs	595	Well penetrates talus blocks of Shawangunk Conglomerate.
-3	Edward Staff, Sr.	7	D	-- --	r180	6	144	Shale	r9	8/ /64	Hs	610	
137-421-1	Mrs. Ruth Rizzo	6	C	-- --	r230	6	208	do.	48.0	9/10/65	Plt	610	H_2S.
-2	Andrew Hohmeyer	8	D	-- --	r149	6	88	do.	r0	1963	VF	575	
-3	Fred Washburn	8	D	-- --	r137	6	76	do.	r9	1965	Ht	680	
137-419-1	Scott Watkins	25	D	-- --	r161	6	65	do.	r14	1965	VF	440	H_2S.
137-417-1	Donald Hauck	30	D	-- --	r125	6	25	do.	r40	7/ /63	Ter	428	Do.
-2	Albert Schreiner	4	D	-- --	r235	6	20	do.	r18	7/ /56	Hs	415	
-3	Village of Pine Bush	--	T	Dr; --	r25	--	--	None	--	--	Ter	325	Log.
-4	do.	--	T	Dr; --	r24	--	--	do.	--	--	Ter	325	Do.
-5	Charles Boyle	5	D	Dr; OH	r150	6	60	Shale	r18	--	Hs	390	
-6	Bernard Geier	10	D	-- --	r94	6	70	do.	--	--	Hs	400	
-7	Thomas F. Monaco	7	D	-- --	r85	6	60	do.	--	--	Hs	400	
-8	do.	2	D	-- --	r300	6	60	do.	--	--	Hs	400	H_2S.
137-416-1	Rudolf Kulleste	5	D	-- --	r195	6	32	do.	r14	7/ /64	Hs	330	
-2	Chet Van De Mark	1	A, D	-- --	r180	6	50	do.	r30	1/ /56	Hs	365	H_2S.
-3	Alfred Shattuck	10	D	-- --	r108	6	11	do.	r18	10/ /61	Ht	325	
137-410-1	Wallkill State Prison	3	I	-- --	r345	6	--	do.	--	--	Hs	320	H_2S.
137-409-1	P. D. Bennett	11	D	-- --	67	6	33	do.	22.0	8/10/65	Plt	415	
-2	Wallkill State Prison	55	I	Dr; S	r40	6	27	Gravel	21	11/15/65	Plt	395	Log; originally produced 172 gpm after 72 hours; backfilled 5 ft.
-3	do.	--	T	Dr; OH	38	6	38	Shale	14.8	11/15/65	Plt	380	
137-408-1	do.	41	I	Dr; S	r32	6	27	Gravel	31.5	11/15/65	Plt	420	Log.
137-407-1	Gustave Pertschnigg	8	D	Dr; OH	r100	6	30	Shale	r15	11/ /64	Pln	480	
137-402-1	D. Sanabria	40	D	-- --	r85	6	19	Quartzite	--	--	VF	640	
137-357-1	Tops Radio and TV Sales	8	C	-- --	r108	5	20	Shale	flows	1961	Hs	200	
136-421-1	G. DaTorre	5	D	-- --	r148	6	90	do.	r20	6/ /53	Hs	480	Log.
-2	Ellie Schaefer	2	D	-- --	r127	6	78	do.	r20	5/ /53	Hs	480	Do.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
136-421-3	Birger Olson	3	D	-- --	r114	6	70	Shale	r20	4/ /53	Hs	472	
-4	Thomas Galligan	10	D	-- --	r125	6	65	do.	r30	10/ /63	Hs	465	
-5	Thomas Addeo	2	D	-- --	r205	6	142	do.	r85	1/ /53	Hs	420	Log; originally a gravel well at 83 ft.
136-420-1	Kenneth Youngs	8	D	-- --	r100	6	80	do.	--	--	VF	390	
-2	Bernard White	15	D	-- --	r335	6	70	do.	r4	7/ /54	VF	435	Turbid water.
-3	George Foerst	2	D	-- --	r130	6	55	do.	r30	10/ /52	Hs	455	Log.
136-419-1	Charles Youngs	5	D	-- --	r138	6	80	do.	r10	1955	VF	435	Do.
136-418-1	Village of Pine Bush	--	P	Dr; S	r75	10, 8	64	Gravel	r48	10/29/50	Plt	420	Anal; log.
-2	Stanley Konefal	8	D	Dr; OH	r237	6	125	Shale	r60	1/ /58	Plt	415	Partial anal; H_2S.
-3	Joseph Chiaramonte	4	D	-- --	r245	6	75	do.	--	--	Ht	435	H_2S; log; turbid water.
136-417-1	J. Slayton and M. Torbert	--	A, D	-- --	85	6	--	do.	34.0	5/17/63	Hs	410	
-2	Village of Pine Bush	--	T	Dr; --	70	--	--	None	--	--	VF	360	Log.
-3	do.	--	T	-- --	r35	--	--	do.	--	--	VF	350	Do.
-4	do.	--	T	-- --	r78	--	--	do.	--	--	VF	365	Do.
-5	do.	--	T	-- --	r61	--	--	do.	--	--	VF	360	Do.
-6	do.	150	P	Dr; S	r48	8	32	Sand and gravel	flows	6/29/56	VF	355	Log; backfilled 10 ft.
-7	do.	--	T	-- --	r53	--	--	None	--	--	VF	355	Log.
-8	do.	--	T	-- --	r81	--	--	do.	--	--	VF	360	Do.
136-414-1	R. Buesing	5	D	Dr; OH	r72	6	30	Shale	--	--	VF	360	
136-412-1	Julius Kraft	10	A	-- --	r120	6	50	do.	--	--	Pln	310	
-2	Mr. Richardson	8	D	-- --	r85	6	16	do.	r6	8/ /65	Pln	310	
-3	B. Jackson	8	D	-- --	r87	6	25	do.	--	--	Pln	310	Log.
136-410-1	Mr. Wilson	45	D	-- --	r120	6	78	do.	--	--	Hs	370	Do.
-2	Stamplate, Inc.	200	I	-- --	r125	8	32	do.	r9	2/ /66	VF	270	Fractured zone begins at 94 ft.
136-409-1	James F. Thom	20	D	-- --	r107	6	36	do.	--	--	Hs	370	
-2	Wallkill Water Dist.	230	P	Dr; S	r29	12	20	Sand and gravel	2.6	11/12/65	Pln	385	Log.
-3	do.	--	P	Du; P	7	120	7	do.	2.6	11/12/65	Pln	385	
136-408-1	J. C. Wenaling	35	D	Dr; OH	r48	6	23	Shale	--	--	Pln	430	
-2	Wallkill Water Dist.	100	P	Du; P	8	240	8	Sand and gravel	3.4	11/12/65	Pln	410	Temp 10.3 11/12/65; flows when not in use; similar "spring" 700 ft north.
136-407-1	Richard Reuter	12	D	Dr; OH	r115	6	45	Shale	15	10/ /64	Hs	545	
136-406-1	Wes Frueh	8	D	-- --	r250	4	150	do.	--	--	Hs	545	H_2S.
136-404-1	Wallkill Central School Dist.	22	I	-- --	r310	8	--	do.	--	--	Hs	575	
136-403-1	Joseph Mundo	--	D	-- --	r235	--	--	Quartzite	--	--	Hs	640	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
136-403-2	Joseph Giaraffa	10	D	-- --	r114	6	15	Quartzite	--	--	Ht	660	
136-359-1	Charles Scuderi	9	D	-- --	r118	6	--	Shale	--	--	Ht	470	
-2	R. Amoroso	--	D	-- --	r115	6	--	do.	--	--	Hs	425	H_2S.
-3	Mr. Eckerson	7	D	-- --	r160	6	28	do.	--	--	Hs	345	Do.
136-357-1	Marlboro Water Dist.	220	P	Dr; S	r104	12	84	Sand and gravel	4	10/12/65	VF	0	dd 20 after pumping 72 hours in 1954 at 400 gpm; H_2S; iron; log; reportedly affected by tide in Hudson River; backfilled 24 ft.
-2	do.	--	T	Dr; OE	104	6	104	do.	+1.4	10/12/65	VF	0	Water level reportedly rises and falls with tide in Hudson River.
135-423-1	William Soss	--	D	-- --	r100	6	100	do.	r40	8/ /63	Ter	420	Pumped at 10 gpm with very little drawdown; water is occasionally turbid and sandy.
-2	Jack Schwartz	--	D	Dr; OH	r220	6	--	Shale	--	--	Ter	415	
135-422-1	Mr. Martin	20	D	Dr; OE	r70	6	70	Gravel	r12	10/ /62	VF	380	
135-421-1	Howard Kessler	6	D	Dr; OH	r120	6	60	Shale	--	--	Ter	435	
-2	Walter Kessler	2	D	-- --	143	6	72	do.	25.3	6/15/65	Ter	435	
-3	L. Peebles	5	D	-- --	r195	6	110	do.	flows	7/16/65	Hs	410	H_2S; log.
135-420-1	Edward Wharton	--	A	-- --	r125	6	20	do.	--	--	Hs	430	
-2	Leland W. Hufcut	--	A	-- --	r188	6	11	do.	r50	1964	Hs	405	Drilled 148 ft deep in 1944, drilled 40 ft deeper in 1956.
135-419-1	Charles Wood	30	D	-- --	r100	6	20	do.	--	--	Hs	370	
135-418-1	Ralph Piasno	--	D	-- --	99	6	19	do.	3.9	9/ 2/64	VF	370	Temp 10.3 9/2/64.
-2	Unknown	--	D	-- --	r112	6	25	do.	--	--	Ht	405	
135-416-1	Larry Gunderman and Delford Connell	5	C	-- --	r119	6	100	do.	r50	5/ /56	Plt	405	
-2	Larry Gunderman	5	D	-- --	r134	6	75	do.	r40	1959	Plt	410	
-3	Delford Connell	8	D	-- --	r159	6	52	do.	--	--	Ter	410	
-4	Joseph Green	12	D	Dr; OH	r52	6	35	do.	r15	1958	Hs	400	
-5	Warren Van Houten	12	C, D	-- --	r100	6	96	do.	r25	10/ /64	Ter	380	Log.
135-414-1	T. Adams	--	D	Du; P	13	42	13	Till	4.6	5/17/63	Hs	400	
-2	Theo. G. Adams	10	D	Dr; OH	132	6	30	Shale	2.7	5/17/63	Hs	400	
135-413-1	Mrs. Moellmann	--	C	-- --	r110	6	85	do.	--	--	VF	360	
-2	Howard Stewart	10	D	-- --	r101	6	52	do.	13.3	10/26/64	VF	360	H_2S; log.
-3	Clifford Barber	25	D	-- --	r167	6	125	do.	53	1965	Ht	390	Do.
-4	Earl Blanchard	10	D	-- --	r167	6	132	do.	--	--	Hs	390	
135-409-1	Osiris Country Club	170	A	Dr; S	r54	8	34	Gravel	7	1/ /65	Hs	370	Log; 1/4-inch slotted screen.
135-408-1	John Standish	8	D	Dr; OH	r147	6	47	Shale	--	--	VF	400	H_2S.
135-407-1	Gary Terwilleger	5	D	-- --	r105	6	20	do.	--	--	Hs	575	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
135-404-1	William O. Post	--	D	Dr; OE	r72	6	72	Gravel	--	--	Hs	540	
135-402-1	James Horton	11	D	Dr; OH	r85	6	5	Quartzite	--	--	Ter	555	
135-400-1	Dominick Felicello	10	D	-- --	r250	6	37	Shale	3.4	9/16/65	Hs	525	
-2	do.	--	D	-- --	204	6	--	do.	3.9	9/16/65	Hs	525	
135-358-1	Grazios Nurseries	17	A, D	-- --	r136	6	--	Carbonate	--	--	Hs	150	
134-425-1	Arthur Gillespie	3	D	-- --	r180	6	130	Shale	--	--	Hs	565	Log.
134-424-1	Henry Miller, Jr.	10	C, D	-- --	r85	6	8	do.	9	8/ /62	Hs	430	H_2S.
-2	Henry Miller, Sr.	7	A, D	-- --	r73	6	70	do.	r10	3/ /64	Ter	425	Log.
134-423-1	Mike Cirina	16	D	Dr; OE	r47	6	47	Gravel	r13	1945	Ter	425	
134-422-1	Mrs. Otto Wedlick	10	D	Dr; OH	r126	6	54	Shale	r25	1963	Hs	490	H_2S; log.
-2	Mr. Martin	5	D	-- --	r90	6	40	do.	r31	--	Hs	510	
134-421-1	Mr. Turini	--	D	-- --	r207	6	81	do.	r61	--	Ht	550	
134-420-1	Robert Haynes	22	D	-- --	r90	6	20	do.	--	--	Hs	500	H_2S.
134-419-1	Fred Redder	--	D	-- --	r48	6	20	do.	--	--	Hs	495	
-2	Norman Ketcham	20	D	-- --	r110	6	12	do.	r22	1961	Hs	420	H_2S.
134-417-1	Freda Irber	8	D	-- --	r98	6	20	do.	r3	7/ /58	Hs	439	Do.
-2	A. Pollack	10	D	-- --	r104	6	22	do.	r12	1964	Hs	430	
134-416-1	Paul Huba	5	D	-- --	r160	6	33	do.	14.2	7/13/65	Pln	410	
134-415-1	Mrs. G. Thomsen	--	D	-- --	62	6	--	do.	5.5	5/23/63	Hs	440	
-2	Mrs. J. Gallagher	12	D	-- --	90	6	--	do.	20.0	7/12/65	Hs	410	H_2S.
134-414-1	Mrs. F. Weeden	--	D	-- --	140	6	--	do.	11.7	5/23/63	VF	410	Iron.
-2	Alfred Rhinehart	25	A	-- --	r176	6	172	do.	28.0	7/ 8/65	Hs	370	Log.
-3	John Maroney	6	D	-- --	73	6	--	do.	14.0	7/ 8/65	Pln	420	
-4	Edward Nash	--	D	-- --	115	6	--	do.	27.1	7/12/65	Pln	410	
-5	Alfred Rhinehart	25	D	-- --	100	6	40	do.	24.8	7/12/65	Ht	370	
-6	do.	--	D	Du; P	19	40	19	Till	14.6	7/12/65	Ht	370	
-7	Edward Bertram	7	D	Dr; OH	r123	6	50	Shale	r20	1958	Hs	390	Log.
134-413-1	K. N. Volk	9	A, D	Dr; OH	r210	6	70	do.	r40	1930	VF	380	dd 100.
-2	Fred Reichle	20	D	-- --	r60	6	18	do.	r12	1962	Ter	420	
-3	Martin J. Wolfe	9	D	-- --	r103	6	50	do.	r20	1959	Hs	380	H_2S; log.
134-412-1	Hal Ross	12	D	-- --	r220	6	160	do.	--	--	Hs	460	
134-411-1	Village of Walden	--	T	-- --	r22	3	--	do.	--	--	VF	280	Log.
134-410-1	Abe Thorn	20	D	Dr; OH	r239	6	157	do.	--	--	Hs	450	H_2S.
-2	Richard E. Anderson	8	D	-- --	r200	6	150	do.	--	--	Ht	450	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
134-410-3	Village of Walden	--	T	-- --	r17	3	--	None	r3.2	7/19/63	Hs	390	Log.
-4	do.	--	T	-- --	r48	3	--	do.	--	--	VF	360	Do.
-5	do.	--	T	-- --	r49	3	--	do.	r1.6	7/24/63	VF	350	Do.
134-409-1	Laura Chaffee	7	D	Dr; OH	r167	6	123	Shale	r55	--	Pln	410	
-2	Lake Osiris Association	150	P	Dr; S	r98	8	90	Sand and gravel	r3	7/ /65	Hs	360	Log; 8 ft of screen with number 50 slot.
134-406-1	Matthew Heinz	--	D	Dr; OH	r126	6	--	Shale	--	--	Hs	515	
134-358-1	Jova Brick Co.	200	I	Dr; OE	r70	6	70	Sand and gravel	(r)flows	6/ 4/65	VF	5	Log; flows when not in use.
-2	do.	--	P	Dr; OH	r225	6	25	Carbonate	flows	2/ /66	Hs	20	Carbon dioxide; flows 10 gpm.
133-426-1	George Shearer	--	D	-- --	87	6	55	Shale	39.0	8/18/64	Hs	460	
-2	do.	--	D	Du; P	23	24	23	Till	18.1	8/18/64	Ht	460	
133-424-1	Paul Oates	6	D	Dr; OH	r53	6	48	Shale	r18	1949	Hs	480	
-2	John Gale	6	D	-- --	r54	6	53	do.	--	--	Hs	480	
-3	Kurt Simon	30	A	Dr; OE	r58	6	58	Gravel	r20	1959	VF	450	H_2S.
-4	do.	35	D	-- --	r65	6	65	do.	r20	1963	Hs	465	Log.
133-418-1	Homer Comfort	8	D	Dr; OH	r71	6	17	Shale	r16	9/ /64	Ter	470	
133-415-1	Ray Wild	7	A	-- --	r180	6	24	do.	r20	11/ 5/64	VF	395	H_2S.
133-414-1	David H. Smith	30	A, D	-- --	r117	6	42	do.	18.0	5/27/63	VF	400	Do.
-2	do.	--	D	Du; P	26	30	26	Till	22.4	5/27/63	VF	410	
-3	Andrew Hoekstra	25	A, D	Dr; OH	r146	6	92	Shale	r20	1957	Pln	410	H_2S; log.
-4	Dr. R. L. Schmitt	20	D	-- --	r165	6	50	do.	25.1	7/ 8/65	Ht	390	
133-413-1	Robert F. Baisley	6	D	-- --	r106	6	35	do.	r15	1957	Pln	405	Log.
-2	do.	5	D	-- --	r73	6	10	do.	r8	1957	Pln	390	H_2S.
-3	Estate of L. D. Morrissey	25	D	-- --	102	6	22	do.	21.3	7/14/65	Ht	430	
133-412-1	do.	--	A	-- --	163	6	35	do.	28.5	7/14/65	Ht	410	H_2S.
-2	Village of Walden	--	T	-- --	r27	3	--	None	r2.8	7/30/63	VF	400	Log.
133-411-1	do.	--	T	-- --	r28	3	--	do.	--	--	Hs	395	Do.
133-410-1	do.	--	T	-- --	r54	--	--	do.	--	--	VF	350	Do.
-2	do.	20	T	Dr; --	r24	6	--	Gravel	--	--	VF	350	dd 20 after pumping 9 hours; log.
-3	do.	--	T	-- --	r10	3	--	None	--	--	Hs	370	Log.
-4	do.	--	T	-- --	r45	3	--	do.	--	--	Pln	350	Do.
133-409-1	do.	100	T	-- --	r41	--	--	Gravel	--	--	VF	350	dd 3; log.
-2	do.	--	T	-- --	r29	--	--	None	--	--	VF	350	Log.
-3	do.	30	T	-- --	r48	6	--	Sand and gravel	r0	5/29/56	VF	355	dd 24 after pumping 8 hours; log.
-4	do.	300	P	Dr; S	r51	8	40	do.	13	5/14/65	VF	350	Log; backfilled 3 ft.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
133-409-5	Village of Walden	--	T	-- --	r36	--	--	None	--	--	VF	350	Log.
-6	do.	381	P	Dr; S	r43	16, 8	33	Gravel	7.0	5/14/65	VF	350	Anal; dd 20.5 after pumping 24 hours; log.
-7	do.	480	P	Dr; S	r37	--	--	do.	15	5/14/65	VF	355	Water level measured while pumping 480 gpm.
133-406-1	D. Gomez	4	D	Dr; OH	r200	6	5	Shale	flows	9/16/65	Hs	490	
-2	do.	--	D	-- --	r268	6	5	do.	r80	--	Hs	580	
133-404-1	Max Dosik, M. D.	--	D	-- --	r224	6	--	do.	--	--	Hs	595	
133-400-1	Jackson Baldwin	20	D	-- --	r300	6	175	do.	--	--	Hs	460	
132-425-1	Roy Johnson and Clair Dickinson	3	D	Dr; OE	r120	6	120	Sand and gravel	r92	1940	Hs	580	Log; well ends on bedrock surface.
-2	do.	180	I	Dr; OH	r255	8	--	Shale	r25	--	Hs	560	
-3	Sherwood Allen	25	D	Dr; OE	r64	6	64	Gravel	r11	1940	Hs	530	
-4	Arthur Terwilliger	36	D	-- --	r64	6	64	Sand and gravel	r4.5	6/ /64	Hs	505	Log.
-5	Walt Dickinson	--	D	Dv; S	r37	1	37	do.	r0	1/ /64	VF	500	Log; flowed when driven to 25 ft.
-6	Mrs. Mario Furlin	1	D	Dr; OH	r286	6	73	Shale	r70	--	Hs	540	
-7	Bruno Furlin	15	D	-- --	r105	6	103	do.	r70	--	Hs	580	Log.
-8	Kenneth Angeloni	15	D	-- --	r73	6	48	do.	r38	1956	VF	550	
-9	Mrs. Josephine Walters	--	D	-- --	r98	6	--	do.	--	--	Hs	630	
132-421-1	Art Lunney	21	D	-- --	r56	6	40	do.	r13	7/ /64	Pln	500	
-2	John Bell	12	D	-- --	r175	6	45	do.	--	--	Pln	520	
-3	do.	25	D	-- --	r75	6	40	do.	r7	--	Pln	500	
-4	do.	21	C, D	-- --	49	6	40	do.	10.2	8/29/64	Pln	500	
132-420-1	Vincent Viola	9	D	-- --	r54	6	44	do.	r20	1953	Hs	510	Partial anal.
-2	Anthony Viola	25	C, D	-- --	r48	6	28	do.	--	--	Hs	515	
132-418-1	Joseph Scoffone	10	D	-- --	r32	6	10	do.	r15	6/ /53	Hs	595	
132-414-1	Frank O. Moffitt	10	D	-- --	r50	6	23	do.	r6	5/ /58	VF	380	
-2	James Kniffin	30	D	-- --	r74	6	33	do.	r10	1964	VF	385	
-3	Carl Helstrom	10	D	-- --	r85	4	42	do.	r8	7/ /64	VF	390	
-4	Barney Miller	6	D	-- --	53	6	20	do.	10.2	7/ 8/65	Hs	380	
-5	William Hoekstra	25	A, D	-- --	98	6	18	do.	21.7	7/ 8/65	Ht	390	
132-413-1	Levi Sinsabaugh	5	D	-- --	r107	6	20	do.	--	--	Hs	400	
132-406-1	Frank Demaro	9	D	-- --	r125	6	100	do.	--	--	Hs	493	Log.
132-402-1	William Coyne	--	D	-- --	r98	--	--	do.	--	--	Hs	380	
132-400-1	Milton Quick	--	D	-- --	r497	6	3	Carbonate	--	--	Hs	360	
-2	Philip De Santis	--	D	-- --	420	6	3	do.	43.1	9/20/65	Hs	360	
131-427-1	Don Hamilton	15	D	-- --	r62	6	43	Shale	--	--	Hs	510	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
131-423-1	Mr. Stubbs	5	D	-- --	110	6	30	Shale	15.1	7/15/65	Hs	680	Iron.
-2	Harry Jacobs	7	D	-- --	88	6	15	do.	6	1965	Hs	640	
131-422-1	Raymond Yarwood	--	D	Dv; S	22	2	--	Sand	--	--	VF	580	
131-419-1	Raymond Rollings	10	D	Dr; OH	154	6	14	Shale	40.2	7/14/65	Hs	530	dd 77; H_2S.
-2	Damian Pitcaithly	--	D	-- --	185	--	--	do.	37.7	7/14/65	Ht	540	
-3	Mr. Howe	10	D	-- --	155	6	--	do.	34.0	7/14/65	Pln	530	
-4	Linn Coleman	5	D	-- --	r205	6	15	do.	r15	--	Pln	530	H_2S.
-5	Ralph White	25	D	-- --	r42	6	22	do.	r12	1965	Pln	530	
131-418-1	Robert Meiers	5	D	-- --	r215	6	27	do.	r12	1957	Pln	510	H_2S.
131-417-1	A. Gruner	12	D	-- --	r195	6	20	do.	--	--	Hs	550	Do.
131-416-1	Anthony Wild	40	A, D	-- --	r70	6	20	do.	r15	3/ /53	Hs	383	
-2	Rev. Richard Joyce	5	D	-- --	r268	6	25	do.	r100	1964	Hs	590	
-3	Mr. Heigle	6	D	-- --	r100	6	20	do.	r45	--	Hs	470	
131-414-1	Joseph Kalb	6	D	-- --	r83	6	17	do.	r15	9/ /63	Ter	385	H_2S.
-2	Village of Montgomery	90	P	Dr; S	r38	8	--	Gravel	4.5	4/ 6/65	Ter	375	
-3	do.	15	T	Dr; OE	r15	8	15	None	r1	2/18/60	Ter	375	Log.
-4	do.	100	O	Dr; S	18	8	--	Sand and gravel	1.9	5/13/65	Ter	375	Log; water level 12.0 ft 12/20/65; backfilled 6 ft.
-5	do.	55	T	Dr; --	r33	8	--	Sand	r4.5	3/ 9/60	Ter	380	Log; specific capacity 2.2 gpm per ft of drawdown; backfilled 5 ft; destroyed.
-6	do.	30	T	Dr; --	r23	8	--	Sand and gravel	r+.3	1/12/60	Ter	380	Log; backfilled 6 ft; destroyed.
-7	do.	15	T	Dr; --	r22	8	--	do.	r1.0	2/ 3/60	VF	375	dd 20; log; backfilled 3 ft; destroyed.
-8	do.	50	P	Dr; OH	203	6	25	Shale	8.0	3/18/66	Ter	370	dd 100 after pumping 1 hour; H_2S; log.
131-413-1	do.	83	P	Du; P	16	360	16	Till	7.9	5/13/65	VF	350	Temp 7.5 5/13/65; bottom of well is open brick.
-2	do.	8	P	Dr; OH	119	4	--	Shale	3.2	5/13/65	VF	350	H_2S.
-3	do.	10	P	-- --	126	4	--	do.	20.1	12/21/65	VF	350	Do.
-4	Norbury Chambers	5	D	-- --	r140	6	42	do.	r33	--	Ht	400	
-5	Village of Montgomery	20	P	-- --	r307	6	20	do.	20.1	8/26/65	VF	350	H_2S.
-6	Valley Central School	40	I	-- --	r300	6	70	do.	--	--	Ter	500	
-7	do.	20	I	-- --	r345	6	45	do.	r25	8/ 6/65	Ter	500	Log.
131-412-1	Montgomery Heights	125	P	-- --	244	8	27	do.	14.1	8/ 5/65	Hs	420	
131-411-1	Leland S. Van Kleeck	25	D	-- --	r114	--	36	do.	--	--	Pln	430	
131-409-1	Arnold Puff	18	C	-- --	r98	6	25	do.	r10	1964	Plt	425	
131-407-1	Albert Lamberson	4	D	-- --	r145	6	23	do.	--	--	VF	445	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
131-402-1	Shell Oil Co.	20	C	-- --	258	6	233	Carbonate	16.0	5/22/62	Pln	285	Log.
-2	T. W. Westlake	150	P	Dr; S	r27	6	19	Gravel	r2	1963	VF	240	dd 6 after pumping 24 hours.
130-428-1	Mrs. C. H. Meyer	--	D	-- --	r71	6	71	do.	r5	8/ /54	VF	540	
130-423-1	Floyd Bull	20	D	Dr; OH	r122	6	28	Shale	r12	--	Pln	625	
130-419-1	Lester Martin	6	D	-- --	r195	6	20	do.	r50	--	Hs	630	
-2	N. Hughs	10	D	-- --	r150	6	20	do.	--	--	Hs	630	
-3	Frank Murgolo	20	D	-- --	r58	6	19	do.	r4	1965	Hs	480	H_2S.
130-418-1	Elmer Halberg	5	D	-- --	r200	6	23	do.	--	--	Hs	570	Do.
130-417-1	Blanche Kazenecki	15	D	-- --	80	6	22	do.	r15	9/ /54	Hs	460	
130-415-1	Orange County	15	C, P	-- --	r200	6	32	do.	r0	1964	VF	350	H_2S.
-2	do.	14	P	-- --	r230	6	150	do.	--	--	VF	355	Anal; H_2S; Air Force Number 11.
-3	John Leelkema	7	A, D	Dr; OH	r271	6	40	do.	r36	1958	Ht	385	H_2S; log.
-4	George Hoeffner	10	D	-- --	r120	6	60	do.	--	--	Ht	385	
-5	Ralph Dunn	25	D	Dr; OE	r62	6	61	Gravel	--	--	Plt	380	Well ends on bedrock.
130-413-1	Phil Hefner	20	D	Dr; OH	r100	6	20	Shale	--	--	Pln	410	10 gpm after pumping 4 hours.
130-412-1	Art Birch	14	A, D	-- --	r100	6	34	do.	r12	10/ /56	VF	420	
130-411-1	George Carlew	16	D	-- --	r47	6	4	do.	--	--	Hs	420	
130-409-1	Unknown	10	D	-- --	r114	6	48	do.	--	--	Hs	460	
130-405-1	Air Defense Command	5	D	-- --	119	6	20	do.	31.7	6/ 4/65	Pln	465	Anal; Air Force Number 6.
130-402-1	E. I. du Pont de Nemours & Co.	200	I	-- --	r409	10, 8	25	Carbonate	r2	1958	Hs	200	Iron; water level 6 ft below land surface June 1965.
129-444-1	Richard B. Pendell, Sr.	5	D	-- --	r252	6	90	Sandstone	r70	1963	Ht	1,400	
-2	Charles King	7	D	-- --	r137	6	99	do.	--	--	Hs	1,335	
129-434-1	James Walker	60	C	-- --	r160	6	60	?	16.3	7/13/62	VF	490	
-2	Mr. Grimshaw	--	D	Dr; OE	62	6	64	Gravel	41.0	7/16/62	VF	550	Filled in 2 ft.
-3	Mr. Lukin	--	C	Dr; OH	r200	4	--	Shale	r35	--	Hs	600	
129-433-1	Mrs. Joseph De Pace	--	C, D	Dv; S	r42	6	40	Sand and gravel	--	--	Hs	540	
-2	Walter H. Schulz	--	D	Du; P	17	42	17	Sand	17	7/13/62	VF	505	
129-430-1	Henry O. Siers	1	D	Dr; OH	r400	6	190	Shale	r50	4/ 8/66	Ter	780	
-2	do.	60	D	Dr; OE	r119	6	119	Gravel	r50	1958	Ter	780	
-3	Henry B. Siers	5	D	-- --	r126	6	126	do.	--	--	Hs	760	
129-428-1	A. C. Howell	15	D	Dr; OH	r127	6	14	Shale	r10	8/24/64	Ht	700	
-2	John Kidder	10	C, D	Dr; OE	r58	6	58	Gravel	flows	10/20/64	VF	620	H_2S.
129-425-1	Frank Pykus	20	D	Dr; OH	r52	6	16	Shale	12.1	21/ 7/65	Hs	650	Yield may be more than 20 gpm.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
129-425-2	George D. Miuer and Sons	6	D	-- --	r91	6	27	Shale	r15	1965	Hs	650	
129-422-1	Mrs. Wesley Warren	5	D	-- --	r170	6	54	do.	27.0	10/30/64	Hs	720	
-2	Stan Lorenz	5	D	-- --	r180	6	50	do.	r40	8/ /64	Hs	735	
129-420-1	Ira Bailey	12	D	-- --	r118	6	58	do.	r20	3/ /54	Hs	610	Log.
-2	Joseph Rau	5	D	-- --	r80	6	15	do.	r16	9/ /58	Hs	530	
-3	Mr. Redgate	10	D	-- --	r98	6	70	do.	r30	9/ /58	Hs	510	Log.
-4	Mr. Blake	5	D	-- --	r102	6	35	do.	r40	9/ /60	Hs	520	
129-417-1	Ray Martin, Jr.	12	D	-- --	r112	6	70	do.	r25	6/ /60	Ter	385	H_2S; log.
-2	Raymond Martin, Sr.	17	D	-- --	r95	6	70	do.	r24	1949	Ter	385	
-3	Steven Klein	25	D	-- --	r80	6	67	do.	r28	10/ /53	Ter	385	
-4	Raymond Martin, Sr.	--	C	Dv; S	r26	1	24	Sand	r19	1940	Ter	385	
129-414-1	William Eager	--	A	Dv; S	19	6	20	Till	3.9	10/15/64	Ter	390	
-2	do.	--	D	Du; P	19	36	19	do.	15.3	10/15/64	Hs	410	Filled in 1 ft.
-3	do.	--	A	-- --	22	60	22	do.	10.6	10/15/64	Hs	420	
-4	Mr. Goldman	--	A, D	-- --	r10	120	10	Gravel	3.0	10/15/64	Ter	370	Flows in wet seasons.
129-413-1	Anthony Roman	--	D	-- --	12	36	12	Sand	7.7	10/15/64	Ter	405	
-2	do.	--	D	-- --	11	36	11	do.	7.9	10/15/64	Ter	410	
-3	do.	--	A	Dr; OH	89	6	--	Shale	9.6	10/15/64	Ter	410	
129-411-1	Andrew C. Lindsey	30	A, D	Dr; OH	r80	6	50	do.	8	1955	Ter	380	
129-408-1	Eric Wollenberg	25	--	-- --	r187	6	92	do.	--	--	Hs	479	
129-406-1	Air Defense Command	6	D	-- --	266	6	92	do.	57.0	6/14/65	Hs	480	Anal; Air Force Number 10.
129-405-1	do.	20	D	-- --	r176	6	50	do.	--	--	VF	365	Anal; Air Force Number 7.
-2	do.	4	D	-- --	145	6	20	do.	33.0	6/14/65	Hs	380	Anal; Air Force Number 8.
-3	do.	4	D	-- --	r120	4	20	do.	--	--	VF	360	Anal; Air Force Number 9.
129-403-1	James Aspey	3	D	-- --	r198	6	--	do.	--	--	Hs	410	
-2	Fred Perna	5	D	-- --	r92	6	72	Carbonate	20	5/ /63	Hs	250	Turbid water.
-3	Philip Scaglino	22	D	-- --	57	6	--	do.	38	8/ 3/65	Hs	260	
129-402-1	Mr. Strook	150	C	-- --	r285	6	--	do.	--	--	VF	200	
129-401-1	New Windsor Water Dist.	--	O	Dr; --	r33	6	--	Gravel	7.5	8/12/65	Hs	120	Log; backfilled 7 ft.
-2	do.	--	O	Dr; --	29	6	--	do.	18.1	8/12/65	Hs	140	5 ft from well 129-401-3; water level measured while pumping 129-401-3 at 190 gpm.
-3	do.	190	P	Dr; S	r37	8	28	do.	r6.7	9/ 2/65	Hs	140	dd 20; log; backfilled 4 ft.
-4	do.	20	T	-- --	r32	--	21	Sand and gravel	r2.8	1965	Hs	110	dd 15.8 after pumping 3 hours; log; destroyed.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
129-401-5	New Windsor Water Dist.	20	T	-- --	r24	--	21	Sand and gravel	r1	1965	Hs	110	dd 10.9 after pumping 9 hours; log; destroyed.
-6	do.	87	T	-- --	r33	6	27	Gravel	r6.6	1965	Hs	125	dd 18.1 after pumping 3 1/4 hours; log; backfilled 11 ft; destroyed.
-7	do.	110	T	-- --	r38	6	33	Sand and gravel	r8.0	1965	Pln	135	dd 16.3 after pumping 7 hours; log.
-8	do.	0	T	Dr; OE	r50	--	50	Sand and clay	--	--	Hs	160	Log; destroyed.
-9	do.	--	T	Dr; OE	r54	--	54	None	--	--	Hs	130	Do.
-10	do.	--	T	-- --	r50	--	50	do.	--	--	Pln	130	Do.
-11	do.	--	T	-- --	r25	--	25	do.	--	--	Hs	110	Do.
129-400-1	American Felt Co.	50	C	Dr; OH	r225	6	--	Shale	r4	5/23/46	Hs	30	
-2	do.	120	C	-- --	r305	--	55	do.	r+2.5	1963	Hs	35	dd 201 after pumping 8 hours a day for 4 days; H_2S; log.
-3	do.	60	C	-- --	r272	--	25	Shale and carbonate	r72	1963	Hs	20	H_2S; water level dropped from 40 ft to 72 ft when drilled into cavity at 272 ft; limestone near bottom; tried to shoot cavity with 9 sticks of 60% dynamite, but never felt or heard the explosion; charge may still be in well.
128-444-1	Richard B. Pendell, Jr.	1	D	-- --	131	6	--	Sandstone	29.1	6/ 9/65	Hs	1,220	
128-436-1	John Durland	--	D	Du; P	4	36	4	do.	2.1	6/ 6/57	Hs	690	
-2	Steven Hirschberg	--	D	Dr; OH	r196	--	--	do.	--	--	Hs	690	
128-435-1	Clifford Gordon	5	D	-- --	r52	8	37	?	--	--	Ter	540	
-2	Paradise Farm	30	D, C	-- --	r257	6	41	Shale	--	--	VF	540	
-3	John Kehlenbeck	--	D	-- --	r160	6	--	do.	--	--	VF	570	
-4	Mrs. Muksutian	30	D	Dr; OE	r135	6	135	Sand and gravel	--	--	VF	540	
128-434-1	Mr. Leach	--	D	Du; P	6	48	6	Till	21	6/ 6/57	Hs	660	
-2	Stanley Lewis	10	D	Dr; OH	223	6	40	Shale	23.5	7/13/62	VF	550	
128-432-1	Mr. Besson	200	T	Dr; S	r50	8	40	Sand and gravel	r5.7	12/22/66	VF	820	Mostly clayey sand and gravel; clay 18-22 ft and sand and gravel 32-50 ft; bedrock at 51 ft; 300 gpm for 6 hours followed by 200 gpm for 7 1/2 hours caused 15 ft of drawdown.
128-431-1	Robert Benton	31	D	-- --	r128	6	--	Shale	--	--	VF	740	H_2S; iron.
-2	Town of Mount Hope	20	C	-- --	r96	6	40	do.	10.9	4/ 8/66	VF	750	H_2S; well had been recently pumped when water level was measured.
-3	Leuis C. Ogden	30	D	-- --	r61	6	38	do.	r4.5	1962	Hs	750	H_2S.
-4	Martha Mongan	--	D	-- --	43	6	43	do.	15.8	4/ 8/66	Ht	750	
-5	Unknown	--	C	-- --	115	6	40	do.	30.0	4/ 8/66	Hs	820	Abandoned.
-6	Henry Wessels	--	A	Dv; S	24	1	22	Sand and gravel	6	--	Hs	785	
128-429-1	Schoonmaker Homes	3	D	Dr; DH	142	6	37	Shale	17.7	7/22/65	Ter	750	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
128-428-1	Kermit Lewis	6	D	-- --	r247	6	26	Shale	--	--	Hs	720	5 gpm seam at 235 ft at contact of hard quartzite with soft shale.
128-427-1	Richard Hassenmeyer	10	D	-- --	r106	6	28	do.	--	--	Hs	730	
128-421-1	Goldenarea Water Corp.	40	P	-- --	r115	6	51	do.	r13	4/ /64	VF	565	Log.
-2	do.	50	P	-- --	60	6	50	do.	r7	4/ /64	VF	570	dd 5 after pumping 1 hour; log; yield from gravel overburden.
128-420-1	Palisades Interstate Park Comm.	--	D	-- --	228	6	21	do.	63	5/13/65	Hs	440	Abandoned.
-2	Celia Beusman	12	D	-- --	r91	6	17	do.	r3	--	Hs	540	
128-419-1	Palisades Interstate Park Comm.	--	D	-- --	254	6	27	do.	29.1	5/13/65	Hs	430	
128-418-1	Mr. Jubrey	15	D	-- --	r197	6	100?	do.	--	--	Hs	430	
-2	Sayer Fancher	25	P	-- --	r165	6	55	do.	53.2	8/19/64	Hs	460	Water level measured while well in use.
-3	Thomas Boasi	20	P	-- --	r91	6	18	do.	r16	10/ /54	Hs	430	
128-417-1	John Bull	5	A, D	-- --	r150	6	24	do.	r18	1957	VF	375	H_2S; log.
-2	do.	5	D	-- --	r72	6	16	do.	r12	10/ /53	VF	375	H_2S.
128-416-1	Orange County	9	P	-- --	102	6	50	do.	16.5	7/21/65	Pln	380	Log; filled in 8 ft.
128-414-1	William Eager	--	D	Du; P	7	36	7	Till	5.4	10/15/64	VF	355	
-2	William Wixon	--	D	Dv; S	r33	1	31	Sand	r17	1955	Ter	380	
-3	Village of Maybrook	160	P	Du; P	r20	1,200 x 24	--	do.	r5.5	4/13/65	VF	350	
-4	do.	100	P	Dr; OH	r300	8	56	Shale	r3	1/31/57	VF	350	dd 233 after pumping 24 hours; H_2S; log.
-5	do.	100	P	-- --	r300	8	36	do.	r5	10/26/56	VF	350	dd 193 after pumping 23 hours; log.
-6	M. I. and C. E. Pitts	20	D	-- --	97	6	20	do.	r16	--	Ht	390	
128-413-1	Henry DeGroat	--	D	Du; P	11	36	11	Sand	9.4	10/ 8/64	VF	344	Temp 11.9 10/7/64.
-2	Thomas Puglise	--	P	-- --	6	144	6	Sand and gravel	1.6	10/15/64	VF	350	Temp 8.0 10/15/64.
128-409-1	Mrs. Clement Muller	4	D	Dr; OH	r207	6	88	Shale	--	--	Hs	550	
128-407-1	Alfred Witfield	4	D	-- --	r120	--	60	do.	--	--	Hs	450	
-2	do.	--	D	-- --	r275	6	85	do.	--	--	Hs	470	
128-406-1	Robert W. Lewis	10	D	-- --	r115	6	70	do.	flows	1965	VF	390	Log.
-2	R. Kimble	15	D	-- --	r187	6	60	do.	flows	1965	VF	400	Do.
128-405-1	Louis Ciaffone	--	D	-- --	r192	6	150	Carbonate	--	--	Hs	410	
-2	Harold F. Baxter	20	A, D	-- --	r190	6	58	?	--	--	Ht	370	Log; yield may be more than 20 gpm.
128-404-1	Mrs. Marie Pomarico	2	D	-- --	r265	6	160	Shale	--	--	Hs	450	
128-403-1	M. J. Donovan	20	D	-- --	r82	6	20	Crystalline	--	--	Hs	420	0-20 ft, overburden; 20-50 ft, soft brown rock; 50-82 ft, hard granite.
-2	Petro Brothers	40	P	-- --	r83	6	4	Shale	flows	--	VF	390	
-3	do.	40	P	-- --	r150	8	12	do.	--	--	VF	390	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
128-402-1	Harrison S. Coutant	5	D	-- --	r100	6	52	Shale	--	--	Hs	260	
-2	Arthur Maharry	0	D	-- --	r500	6	40	do.	--	--	Hs	310	Yield 0.33 gpm.
-3	F. Sagace	2	D	-- --	r258	6	40	do.	--	--	Hs	300	
-4	New Windsor Water Dist.	180	P	Dr; --	r105	12	97	Gravel	--	--	Ter	140	
-5	do.	215	P	Dr; --	r100	6	90	do.	--	--	Ter	140	Interferes with well 128-402-6.
-6	do.	215	P	Dr; --	r100	8	90	do.	--	--	Ter	140	Interferes with well 128-402-5.
128-401-1	William J. Wasicko	5	D	Dr; OH	85	6	32	Shale	r3.5	--	Pln	135	
128-400-1	Twil Iron & Car Co., Inc.	15	C	-- --	139	8	--	do.	--	--	VF	20	
127-437-1	R. Beilstein	10	D	-- --	102	6	22	Sandstone	r8	1957	Hs	920	Anal.
127-436-1	Fred Brantley	2	D	-- --	r235	6	15	do.	28.8	7/17/62	VF	490	
-2	Unknown	--	D	Dr; OE	29	6	29	Sand and gravel	13.8	7/17/62	VF	490	Temp 10 7/17/62.
127-435-1	Winston M. White	--	C, D	Dr; OH	r128	6	85	Shale	--	--	Ter	540	
-3	Joe Chase	--	D	Du; P	18	38	18	Sand and gravel	16.6	7/13/62	VF	490	
-4	James Roussos	--	D	Dv; S	r15	1	13	Sand	r4	1960	VF	485	
-5	Paul and Matilda Law	--	C	Dr; OH	r60	6	--	Sandstone	--	--	VF	490	
-6	Lauran Stamp	--	D	Dr; OE	r72	6	72	Sand and gravel	r20	--	VF	490	
127-434-1	Mr. Chanin	--	D	Dr; OH	r177	6	50	?	r40	6/ 6/57	Hs	690	
-2	Mr. Cuddeback	--	A, D	Du; P	36	36	36	Till	11.5	6/ 6/57	Hs	695	
127-430-1	James Bohney	--	D	Dr; OH	r100	6	--	Shale	14.6	7/23/65	VF	770	
127-424-1	K and K Enterprises	65	C	-- --	r307	7	108	do.	--	--	VF	535	
-2	Unknown	1	D	-- --	r512	6	28	do.	147	11/19/64	Hs	640	Temp 10.9 11/19/64; well bore is not straight; 1/4 gpm at 400 ft.
-3	Edmond Lloyd	10	P	-- --	r345	6	60	do.	--	--	Hs	610	H_2S; yield drops to 10 gpm after pumping for 24 hours.
-4	do.	14	P	-- --	r315	6	60	do.	--	--	Hs	615	H_2S; water-bearing fractures at 300 ft.
127-423-1	Lloyd's Shopping Center	40	C	-- --	r345	6	100	do.	--	--	Hs	560	H_2S.
127-422-1	Gulf Oil Company	--	C	-- --	r220	6	180	do.	--	--	Hs	580	H_2S; aquifer test at well 127-422-2 interfered with this well.
-2	Boehm Enterprises	200	C	-- --	420	6	157	do.	68.0	10/14/65	Hs	550	dd 225 after pumping 24 hours; log; water source at 417 ft.
-3	Clyde Griffin	--	D	-- --	r270	6	255	do.	r100	--	Hs	600	H_2S.
127-421-1	Ernest L. Tremper	2	D	-- --	r155	6	15	do.	r.2	1949	Hs	580	Water-bearing fracture at 108 ft.
-2	William Vleer	20	A, D	-- --	r103	6	14	do.	r30	8/ /58	Hs	475	
127-420-1	Edward Tetz	19	D	-- --	r85	6	30	do.	r15	1959	VF	395	
-2	William Phillips	22	D	-- --	r162	6	110	do.	r45	1959	Hs	400	
-3	William Bronstema	30	D	-- --	r85	6	35	do.	r19	6/26/53	Hs	430	H_2S strong enough to tarnish silverware.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
127-420-4	Edward Tetz	100	C	-- --	r70	6	22	Shale	7.1	7/21/65	Hs	390	dd 6 at 40 gpm; H_2S.
127-419-1	Paul Volyn	20	A, D	-- --	r147	6	45	do.	r13	1959	VF	365	
-2	Irving Isaacs	--	I, D	-- --	r178	7	--	do.	--	--	VF	360	
-3	do.	--	D	Du; P	16	24	16	Till	13.2	6/24/64	VF	360	
-4	William Smiley	5	A	Dr; OH	r190	6	--	Shale	r13	1961	Hs	400	H_2S.
-5	Andrew King	15	D	-- --	r143	6	53	do.	r30	1964	Hs	395	Do.
127-418-1	Walter Hendershot	--	D	Du; P	5	--	5	Sand	8.0	6/24/64	VF	365	
-2	Robert Bailey	7	D	Dr; OH	r85	4	40	Shale	r4	1961	VF	365	Log.
-3	Frederick Truchsess	--	D	-- --	r135	6	8	do.	--	--	VF	380	
-4	James Lanigan	6	D	-- --	r140	6	80	do.	r4	1958	VF	365	H_2S; log.
-5	George Balfe	8	A	-- --	r170	6	50	do.	--	--	VF	365	H_2S.
-6	do.	3	D	-- --	r80	6	--	do.	--	--	VF	360	
-7	Leanard McMann	5	D	-- --	101	6	33	do.	11.9	8/19/64	VF	390	Partial anal; iron; temp 11.2 8/19/64.
-8	John McAliece	4	D	-- --	r120	6	48	do.	9	8/ /54	VF	375	H_2S.
127-417-1	Renfield and Waller	10	D	Dr; OH	r350	8	80	do.	r10	--	VF	375	Do.
-2	Ross DeLorenzo	6	D	-- --	r71	6	25	do.	r10	1961	VF	370	Do.
-3	Mitchell Curesky, Jr.	6	D	-- --	r92	6	40	do.	r+6	1959	VF	375	Do.
-4	Mr. Gilbert	9	U	-- --	152	6	35	do.	3.0	7/21/65	VF	370	Do.
127-416-1	White Gold Milk Corp.	58	C	-- --	r399	8	22	do.	r8	1963	Plt	410	dd 40.
-2	Anthony Primavera	--	D	-- --	r89	6	10	do.	17.5	7/ 1/64	Ht	410	
-3	Dean's Nursing Home	4	I	-- --	r275	8	80	do.	r150	4/29/65	Ht	430	
127-415-1	Elmer Barton	5	D	-- --	r50	6	5	do.	r2	1959	VF	370	Iron.
-2	Willard Campbell	25	D	-- --	r100	6	60	do.	r4	1956	VF	370	Iron; log.
-3	Anthony Primavera	--	D	-- --	r59	6	10	do.	--	--	Pln	415	H_2S.
-4	Robert Tremper	--	D	-- --	r35	6	30	do.	--	--	VF	370	
-5	Mattie Michielini	--	D	-- --	r125	6	70	do.	flows	--	VF	360	Log.
-6	Tom Manning	--	D	-- --	r110	6	20	do.	4	6/ /55	VF	485	H_2S.
127-413-1	J. L. Stewart	--	A, D	-- --	r296	8	--	do.	--	--	Ter	385	
-2	Albert Durland	6	D	-- --	r117	6	10	do.	--	--	Ter	385	
-3	Otterkill Golf and Country Club	30	C	-- --	r115	6	25	do.	--	--	Ter	350	
-4	do.	12	P	-- --	r158	6	20	do.	14	10/ /64	Ter	365	
127-412-1	E. Hunter	6	D	-- --	71	6	5	do.	22.0	10/ 8/64	Hs	410	
-2	W. Guretsky	--	D	-- --	89	6	58	do.	24.0	10/ 8/64	Ter	362	
-3	Lambertus Smit	--	A, D	Du; P	9	108	5	Till	7.0	10/ 8/64	VF	345	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
127-409-1	Windsor Trails Corp.	25	P	Dr; OH	r300	5	20	Shale	3.7	10/ 9/64	Hs	440	
-2	3 B's, Inc.	90	P	-- --	r300	8	--	do.	r0	3/ /62	VF	415	H_2S.
127-407-1	Ken Gill	3	D	-- --	283	6	80	do.	37.1	7/29/65	Hs	400	Do.
-2	Biagini Bros.	60	D	-- --	275	6	39	do.	7.9	7/29/65	VF	370	Do.
127-406-1	Mr. Nixon	35	D	-- --	r300	6	121	do.	--	--	Hs	410	
-2	A. W. Loughran	--	D	-- --	r135	6	84	do.	--	--	Hs	360	
-3	Robert Knoll	11	D	-- --	r150	6	88	do.	--	--	Hs	370	
-4	Constantine Terezis	8	D	-- --	r153	6	65	do.	14.1	8/ 5/65	Hs	370	
127-405-1	George F. Pirnick	11	D	-- --	r173	--	22	do.	--	--	Hs	400	
-2	Fred Fayo	2	D	-- --	r162	--	44	do.	--	--	Ht	400	
-3	do.	--	D	-- --	r300	4	180?	do.	--	--	Ht	410	Log.
-4	Spiros Georgados	--	D	-- --	r260	6	90	do.	--	--	Ht	140	Log; yield greater than 20 gpm.
127-404-1	Ed Barton	20	--	-- --	r240	6	158	do.	r80	1957	Hs	390	
-2	Herbert Stenglein	65	D	-- --	r140	6	25	do.	--	--	Hs	340	
-3	John Stenglein	5	A, D	-- --	r127	6	40	do.	--	--	Hs	370	
127-403-1	R. Soylan	--	D	-- --	r450	6	160	do.	--	--	Hs	300	
-2	Village of Cornwall	--	T	-- --	r218	8	214	None	--	--	Hs	300	Log.
127-402-1	John Carione	1	D	-- --	r160	--	107	Shale	--	--	Ter	110	
-2	Philip Hoffman	7	D	Dr; OE	85	6	85	Gravel	--	--	Ter	120	Log.
-3	New York Military Academy	120	I	Dr; OH	r425	8	28	Shale	12.0	8/10/65	Hs	180	
127-401-1	Village of Cornwall	--	T	Dr; --	r75	8	71	None	--	--	Hs	70	Log.
-2	Town of New Windsor	1,500	P	Du; S	r32	105	--	Gravel	9.7	8/12/65	VF	10	Iron, manganese.
127-400-1	Windsor Building Supply	15	C	Dr; OE	r145	6	145	Sand and gravel	--	--	Hs	30	Manganese; casing filled with gravel to depth of 110 ft.
126-442-1	Michael Hunt	75	D	Dr; OH	r205	6	--	Sandstone	flows	6/ 9/65	Hs	1,005	Flowing 5 gpm 6/9/65; had only 2 gpm at 190 ft during drilling.
126-436-1	Camp Achvah	--	C	Du; P	15	36	--	Gravel	--	--	VF	460	Pumps 10,000 gpd during camping season.
-2	Godeffroy School	20	I	Dr; OE	r134	6	--	do.	--	--	VF	460	
-3	Round House Hotel	7	C	Dr; OH	r325	6	63	Shale	--	--	Hs	525	Log.
-4	Pine Terrace Cabins	--	C	-- --	r180	6	41	do.	--	--	Ter	500	
-5	William Shannon	25	D	-- --	r170	6	24	do.	r18	7/29/47	Hs	540	
-6	Mrs. Stamp	--	D	Dv; S	10	1	8	Sand	10.1	7/17/62	VF	490	Anal.
-7	Norman Bonney	32	D	Dr; OE	33	6	33	do.	12.0	7/17/62	VF	470	Iron; temp 8.9 7/17/62.
126-435-1	Camp Hayes	--	C	Du; P	14	36	14	Silt	10.2	7/17/62	Hs	615	
-2	do.	--	C	Dr; OH	--	6	--	Carbonate	flows	7/17/62	Hs	620	Temp 12.5 7/17/62.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
126-433-1	Mary Wilson	12	D	-- --	r119	6	40	Shale	16.8	4/18/66	Ht	865	H_2S.
126-427-1	Victor Turi	3	D	-- --	r278	6	170	do.	55.0	3/23/66	Ht	905	Well had been recently pumped when water level was measured.
126-425-1	Classy Leather Goods Corp.	--	I	-- --	r2,010	10, 8	148	do.	flows	11/ 6/64	Hs	560	H_2S; 10-inch diameter to 400 ft, 8-inch diameter to 2,010 ft; pumped at 80 gpm in 1899.
-2	Dr. Walter Schmitz	100	D	-- --	r275	6	124	do.	--	--	Ht	605	
126-422-1	Orange County Golf Club	27	C	-- --	r327	6	--	do.	r25	6/30/64	Hs	400	H_2S.
-2	do.	5	C	-- --	r400	6	--	do.	40.5	6/30/64	Hs	400	
-3	Town of Wallkill	--	T	Dr; OE	r16	6	16	None	--	--	VF	360	Log.
-4	do.	210	T	Dr; S	r18	6	13	Gravel	r5.2	8/ /63	VF	355	dd 6.8 after pumping 6 1/2 hours; iron, manganese; log; not developed due to poor chemical quality of water; located 75 ft from bank of Wallkill River.
-5	do.	--	O	-- --	r20	6	15	do.	r5.1	8/ /63	VF	355	dd 1.4 when well 126-422-4, 150 ft distant, is pumped; iron, manganese; log.
126-421-1	H. Christensen	4	D	Dr; OH	r164	7	22	Shale	--	--	Hs	470	Bedrock is at land surface.
-2	Mrs. August Kook	--	D	Du; P	23	27	23	Till	13.4	6/23/64	Hs	390	Water level 18.0 ft 9/21/64.
-3	Mrs. Vincent Kischel	30	D	Dr; OH	r194	6	81	Shale	r6.0	6/30/64	VF	365	H_2S; overburden contains sand and gravel.
-4	Bele Gesztesi, Sr.	16	D	-- --	r185	6	90	do.	--	--	Hs	375	H_2S.
-5	Francis O'Brien	9	A, D	-- --	r102	6	8	do.	--	--	Hs	435	
-6	Ralph Sherwood	5	D	-- --	r143	6	--	do.	62.3	5/ 4/65	Hs	460	Nearby dug well has high iron content; bedrock is at 8 ft.
-7	Peter Freda	--	D	-- --	r125	6	--	do.	--	--	VF	365	H_2S.
-8	Mr. Roettger	8	D	-- --	114	6	97	do.	17.8	8/ 3/65	VF	365	Do.
-9	New York State	4	T	-- --	152	6	17	do.	10.5	1/10/66	Hs	470	dd 128 after pumping 24 hours.
-10	do.	8	T	-- --	150	6	27	do.	22.8	1/10/66	Ht	480	dd 112 after pumping 18 hours; temp 11.1 1/11/66.
126-420-1	Francis O'Brien	20	D	-- --	r81	6	8	do.	r22	1963	Ht	500	
-2	Town of Wallkill	--	T	Dr; --	r16	6	12	None	--	--	VF	360	Log.
-3	do.	--	T	-- --	r26	6	26	do.	--	--	VF	360	Do.
-4	do.	--	T	-- --	r40	6	40	do.	--	--	VF	360	Do.
126-417-1	Niel DeLorenzo	6	D	Dr; OH	r58	6	25	Shale	r10	1962	VF	370	H_2S.
126-416-1	Sanock and Rutkowski	25	A, D	-- --	r68	6	--	do.	11	9/ /58	VF	380	Do.
-2	Melvin Watters	25	D	-- --	r108	6	65	do.	r40	6/ /64	Hs	410	dd 25 after pumping 1 hour; log.
126-414-1	Colver Bull	--	A, D	-- --	r60	6	--	do.	--	--	Ter	420	
126-413-1	Lawrence Bracken	7	A, D	Dr; OH	r78	6	20	do.	r12	8/ /57	VF	397	H_2S.
-2	Frank Brown	30	A, D	-- --	146	6	--	do.	7.9	10/ 8/64	Ter	395	Do.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
126-412-1	Patrick Logue	--	D	-- --	r200	6	--	Shale	r6	1961	VF	350	
-2	Julius Adorjan	--	D	-- --	r150	6	--	do.	--	--	VF	352	
-3	Robert Brown	5	D	-- --	r83	6	28	do.	--	--	VF	351	
-4	do.	--	D	Du; P	r3	72	3	Sand	r.5	10/ 7/64	Hs	330	Overflow estimated as 5 gpm.
-5	Richard Hunter	9	D	Dr; OH	r61	6	35	Shale	r6	--	VF	360	
-6	Julius Adorjan	--	A	Du; P	24	36	24	Sand	23.7	10/ 7/64	VF	359	
-7	Gaston Feller	15	D	Dr; OH	r200	6	--	Shale	(r)flows	10/ 9/64	Hs	380	
126-406-1	Village of Cornwall	--	T	Dr; --	r30	8	--	None	--	--	VF	370	Log.
-2	Lou Cassino	10	D	Dr; OH	251	6	--	Shale	r12	--	Hs	385	
-3	Mr. Demers	100	D	-- --	r225	6	120	do.	r40	6/ /65	Hs	400	
126-405-1	Clemons J. Henry	2	D	-- --	445	6	220	do.	164.8	7/29/65	Hs	470	Not used.
-2	do.	5	D	-- --	r187	6	155	Carbonate	r37	1965	Hs	390	
126-404-1	John Caralari	55	P	Dr; OE	r106	6	106	Gravel	r10	1965	VF	360	
-2	Ramona Castelo	18	D	Dr; OH	r324	6	120	Crystalline	119.3	7/28/65	Ht	380	Water level measured just after pumping.
126-403-1	Village of Cornwall	--	T	Dr; OH	r130	8	122	None	--	--	VF	150	Log.
-2	Harry Hubych	4	D	-- --	320	6	185	Shale	--	--	Ht	330	Till over heaving sand in overburden; sand heaved 40 ft up casing.
-3	John T. Sheehan	20	C	-- --	r307	6	235	do.	--	--	Hs	310	Log; well reportedly destroyed.
-4	Glen Clouser	--	D	Dr; OE	r215	6	215	Sand	r160	--	Hs	250	
-5	Jack Clouser	13	P	Dr; OH	r260	6	140	Shale	r140	1960	Hs	280	
126-402-1	Village of Cornwall	--	T	Dr; --	r36	8	24	None	--	--	VF	255	Log.
126-401-1	do.	--	T	-- --	r15	8	6	do.	--	--	Hs	260	Do.
126-400-1	do.	--	T	-- --	r21	8	4	do.	--	--	VF	180	Do.
-2	do.	--	T	-- --	r38	8	32	do.	--	--	Ter	190	Do.
-3	do.	--	T	-- --	r26	8	20	do.	--	--	VF	175	Do.
-4	do.	--	T	-- --	r50	8	40	do.	--	--	Ter	190	Do.
-5	do.	--	T	-- --	r30	8	26	do.	--	--	Ter	170	Do.
-6	do.	--	P	Du; OE	4	300	--	Talus	flows	6/29/64	Hs	140	Partial anal; temp 45.3 6/29/64; developed spring; flows at more than 20 gpm.
125-438-1	Hotel Huguenot	50	C	Dr; OH	r250	6	6	Sandstone	21.9	7/19/62	VF	540	
-2	Wickhen Products, Inc.	178	C	Dr; S	r88	8	--	Sand and gravel	r32	6/ /62	VF	470	dd 16 after pumping 8 hours.
-3	Mr. Elfenbein	--	D	Dr; OE	62	6	62	Sand	21.3	7/19/62	VF	510	Temp 10.5 7/19/62.
125-437-1	Wade S. Ault	7	A, D	Dr; OH	r420	6	70	Shale	--	--	VF	490	Turbid when pumped for prolonged periods.
-2	Empire Tube Co.	350	C	Dr; S	r88	6	77	Sand and gravel	r34	--	VF	480	dd 10 after pumping 8 hours at 125 gpm; log.
125-436-1	Charity Camp Hayes	80	I	Dr; OH	r315	8	25	Carbonate	--	--	Hs	660	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
125-432-1	Thomas Miedena, Jr.	5	D	-- --	r99	7	34	Shale	r17	1963	Hs	850	
125-426-1	Joseph B. Amchir	12	P	-- --	r270	6	--	do.	r30	1949	Hs	600	H_2S.
-2	do.	25	P	-- --	r247	6	40	do.	r6	1954	VF	540	
-3	do.	28	P	-- --	r248	7	50	do.	.0	6/16/64	VF	595	Yield 5 gpm when 160 ft deep.
-4	do.	22	P	-- --	r234	6	--	do.	r20	6/ /64	Hs	570	Yield 5 gpm when 86 ft deep.
125-425-1	Mrs. Helen Uhlick	5	A, D	Dr; OH	r259	7	46	do.	r14	5/ /64	VF	460	H_2S.
-2	do.	--	A, D	-- --	r160	6	--	do.	r128	6/19/64	Ht	540	Well abandoned due to declining water level.
125-422-1	Vincent Lewis	10	D	-- --	r96	6	--	do.	r2	1955	VF	390	
-2	Orange County Golf Club	--	P	-- --	r118	6	--	do.	--	--	VF	360	Temp 10.8 6/30/64.
125-418-1	Mr. Rutkowski	11	D	-- --	r64	6	15	do.	r10	1958	VF	420	H_2S.
125-412-2	William Brundage	6	A, D	-- --	r110	6	4	do.	--	--	Hs	405	
125-410-1	Village of Washingtonville	1,200	P	Dr; S	r41	8	--	Gravel	r7	10/ 9/64	VF	315	
-2	do.	1,200	P	-- --	r39	8	27	do.	r11.3	--	VF	315	Anal.
125-408-1	3 B's, Inc.	22	P	Dr; OH	405	6	38	Shale	61.2	10/14/64	Hs	340	H_2S.
-2	Mr. Coleman	250	U	Dr; OE	r215	4	215	Gravel	--	--	VF	295	Log; aquifer is probably a fault zone.
-4	Charles A. Black	--	D	Dr; OH	r210	6	150	Shale	--	--	Hs	340	
-5	Mr. Hyjeck	10	D	Dr; OE	r22	6	22	Gravel	--	--	Hs	340	
-6	Joseph Kopiecki	20	D	Dr; OH	r100	6	20	Shale	--	--	Hs	310	
-7	George Trainor	6	D	-- --	r197	6	160	do.	--	--	Hs	310	
125-407-1	Fred Girard	180	D	-- --	r150	6	77	do.	--	--	Hs	295	
-2	George and Art Weir	180	C	-- --	r160	6	46	do.	--	--	Hs	290	
-3	Frost White Co. and Park Tissue Co.	30	P	-- --	r230	6	44	do.	83.4	9/ 2/65	Hs	340	
-4	Mr. Mecklenburg	--	A, D	-- --	r520	10, 8, 6	520	Carbonate	--	--	Hs	385	Well drilled in a fault zone.
125-406-1	Village of Cornwall	--	T	-- --	r55	8	50	None	--	--	VF	265	Log.
-2	George P. Jaeger	15	D	-- --	r215	6	135	Shale	--	--	Hs	290	
-3	Peter Deccan	--	D	Dr; OE	r175	6	175	Gravel	flows	9/ 3/65	Hs	310	Iron, manganese; flow 8 gpm at 2 ft above land surface 9/3/65; aquifer may be fault zone.
-4	Richard Wallander	--	D	-- --	r60	6	60	do.	--	--	Hs	310	
-5	Maurice J. Vaillant	8	D	-- --	r60	6	60	do.	--	--	Hs	285	
-6	Harold A. Chamberlin	--	D	Dr; OH	r230	6	210	Shale	--	--	Ht	370	
125-405-1	Village of Cornwall	--	T	Dr; --	r101	8	68	None	--	--	VF	250	Log; casing did not reach bedrock.
-2	do.	750	P, O	Dr; S	r93	8	74	Gravel	--	--	VF	250	dd 7.8 after pumping 360 hours; log; also used as observation well with 67 ft of casing; backfilled 7 ft.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
125-405-3	Village of Cornwall	--	O, T	Dr; --	r65	8	65	Gravel	--	--	VF	250	Log.
-4	do.	--	O, T	Dr; OE	r67	8	67	do.	--	--	VF	250	Do.
-5	do.	242	P, T	Dr; S	r65	8	58	do.	--	--	VF	250	dd 13 after pumping 70 hours; log.
-6	Ralph E. Ogden	--	A	-- --	r83	8	77	do.	r10	9/ /63	VF	250	Log; 55 gpm with 0.33 ft of drawdown; backfilled 5 ft.
-7	do.	--	C	-- --	r32	8	26	do.	r9.5	10/ /63	VF	250	Log; 50 gpm with 0.2 ft of drawdown; drilled to 102 ft; backfilled 68 ft.
-8	Village of Cornwall	--	T	Dr; --	r60	8	50	None	--	--	VF	245	Log.
-9	do.	--	T	-- --	r40	8	30	do.	--	--	Ter	310	Do.
-10	do.	--	T	-- --	r25	8	20	do.	--	--	VF	250	Do.
-11	do.	--	T	-- --	r70	8	65	do.	--	--	Hs	290	Do.
-15	Ralph E. Ogden	5	D	Dr; DE	r300	6	300	Gravel	--	--	Hs	410	Well ends on top of Precambrian gneiss; aquifer may be fault zone.
-16	Mrs. Catherine H. Burris	--	D	-- --	r100	6	100	do.	--	--	Hs	370	Aquifer may be fault zone.
125-403-1	Village of Cornwall	--	T	Dr; --	r38	8	27	None	--	--	VF	260	Log.
125-402-1	do.	--	T	Dr; --	r55	8	53	do.	--	--	VF	300	Do.
-2	Paul Kammerlin	50	D	Dr; OH	r275	6	127	Red shale	--	--	Ht	370	
125-400-1	Consolidated Edison Co.	200	U	-- --	r833	3	--	Crystalline	+119	9/ 3/64	Hs	883	Partial anal; temp 10.6 9/3/64; flows 82 gpm with 93 ft decrease in head; hole is diamond-cored at 20° angle from vertical; heavy artesian flow started when drilling 460 to 483 ft; core shows open fractures lined with gypsum crystal in this zone.
124-443-1	Hiram Gillson	6	D	-- --	r90	6	14	Shale	r14	7/25/47	Hs	600	
-2	Robert C. Robinson	3	D	-- --	r130	6	26	do.	r12	7/25/47	Hs	510	
-3	Minnie Laterr	--	D	-- --	r55	6	25	do.	r20	7/25/47	VF	500	
124-442-1	Emma Smith	17	D	-- --	r155	6	72	do.	r60	7/23/47	Ht	800	
124-438-1	Charles Sink	2	--	-- --	r155	6	122	?	--	--	VF	460	
-2	Irving Goddard	--	C, D	-- --	r169	6	100	Shale	r30	7/29/47	VF	475	
-3	Christian Larsen	--	D	-- --	r87	6	78	do.	--	--	VF	475	
-4	Charles Burrowes	24	D	Dr; OE	r81	8	81	Gravel	r42	7/23/47	VF	475	dd 14 after pumping 1 hour; log.
-5	John Bainsky	--	A, D	Dv; S	r32	1	27	do.	--	--	VF	455	
-6	Mrs. A. Feiner	--	A, D	Dr; OH	173	6	96	Carbonate	21.7	7/24/62	VF	460	
-7Sp	Unknown	2	U	-- --	1	--	--	Till	flows	7/25/62	Hs	490	Flows 2.25 gpm at 0.8 ft below land surface.
-8	Park Lane Hotel	--	C	Dr; --	r180	6	--	--	--	--	VF	420	
124-437-1	Lewis Bertsch	--	D	Dr; OH	r280	6	105	Shale	--	--	VF	475	
-2	Unknown	--	D	Dv; S	16	1	14	Sand	8.8	7/24/62	VF	450	
124-434-1	Richard Matthews	--	A, D	Dr; OH	64	6	--	Shale	32.5	7/31/62	VF	880	Water level measured while pumping.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
124-434-2	Richard Matthews	--	A, D	Du; P	14	30	14	Shale	13.0	7/21/62	VF	880	Temp 12.1 7/31/62.
124-433-1	Joseph Trapani	15	D	Dr; OH	r97	6	50	do.	r9	7/ /61	VF	865	H_2S.
124-427-1	Arthur Wilcoxon	5	C	-- --	r226	6	17	do.	r18	4/12/64	Hs	530	
-2	Henry DeVries	--	D	-- --	r360	6	--	do.	--	--	Hs	640	H_2S; turbid water.
124-426-1	Sam DeVries	3	A, D	Du; P	2	92	2	Sand	.0	5/14/64	VF	500	Temp 11.7 5/14/64; flows 3 gpm 5/14/64.
-2	Adolf Schramm	6	D	Dr; OH	r150	6	90	Shale	r20	1959	Hs	520	Overburden is gravel and quicksand.
-3	Eleanor King	40	D	Dr; OE	r85	6	85	Sand and gravel	31.1	8/ 2/65	Pln	530	Log; overburden is sand and gravel.
124-425-1	Coral Motel	--	C	Dr; OH	r300	--	--	Shale	--	--	Hs	480	H_2S.
124-424-1	Mr. and Mrs. Arthur Pfleging	17	C	-- --	r164	6	--	do.	--	--	Hs	510	
124-423-1	City of New York	15	I	-- --	r785	8	90	do.	r325.6	2/ 3/22	Ht	494	H_2S.
-2	do.	12	I	-- --	r260	8	130	do.	111.5	4/14/65	Hs	454	dd 111.5 after pumping continuously at 3 gpm for 9 months; has log.
-3	do.	25	I	-- --	r300	6	135	do.	99.4	4/14/65	Hs	432	H_2S; log; interferes with well 124-423-4.
-4	do.	9	I	-- --	r538	10	165	do.	--	--	Hs	460	H_2S; log; interferes with well 124-423-3.
124-420-1	Town of Goshen	--	T	Dr; --	r59	6	54	None	--	--	VF	380	No aquifer in unconsolidated deposits.
124-419-1	Neil M. Wilder	30	D	Dr; OH	r108	6	14	Shale	--	--	Hs	440	
124-416-1	Andre Alther	6	D	-- --	r217	6	90	do.	--	--	Hs	430	
124-414-1	Mr. Abrecht	--	D	-- --	r250	6	145	do.	--	--	Hs	500	
124-413-1	Tomahawk Lake Association	18	P	-- --	283	8	42	?	10.5	8/10/65	Hs	360	
-2	Mrs. Carlo DeAngelo	7	D	Dr; OE	r180	6	180	Gravel	--	--	VF	470	
124-411-1	Blooming Grove Church	10	P	Dr; OH	r280	6	151	Shale	100	1955	Hs	430	
124-409-1	Mark Earls	6	D	-- --	r135	6	116	do.	--	--	Hs	340	Iron
-2	Douglas Earls	5	D	-- --	r115	6	59	do.	--	--	Hs	340	Do.
124-408-1	John Wardrop	0	D	-- --	305	6	20	Crystalline	77.7	6/ 3/65	Hs	490	Yield 0.066 gpm; well shot at 170-180 ft, no increase in yield resulted.
-2	Morton Halsband	20	P	-- --	r350	6	30	Shale	r26	1965	Hs	570	
-3	Carolyn Longobardi	18	D	-- --	r318	6	200	do.	--	--	Hs	460	
-4	Vito Cosantino	15	D	-- --	r310	6	185	do.	--	--	Hs	440	
-5	Miss Irene Gallager	10	D	-- --	r308	6	194	do.	--	--	Hs	440	
-6	Beatrice Vezzetti	--	D	-- --	r320	6	--	Crystalline	--	--	Hs	470	
124-405-1	James Seaman	7	D	-- --	r140	6	88	Shale	--	--	Hs	320	
124-404-1	Star Expansion	40	C	-- --	r400	6	85	Red sandstone and shale	--	--	Hs	280	
-2	Angelo and Gustave Nuarra	11	D	Dr; OE	r232	6	232	Sand and gravel	--	--	Hs	320	Log.
124-403-1	John F. O'Neill	9	D	Dr; OH	r365	6	352	Carbonate	r90.0	7/28/64	Hs	440	Iron; many large boulders in overburden.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
124-403-2	Frances Smaldone	20	D	-- --	r120	6	85	?	--	--	Ter	440	Driller reports soft rock.
123-443-1	Fred J. Maines, Jr.	10	C, D	-- --	r136	6	28	Sandstone	r0.0	7/25/47	VF	510	
-2	Ellsworth Babcock	--	D	-- --	r45	6	10	do.	r15	7/25/47	VF	450	
-3	Hammond Leather Co.	30	C	-- --	r400	8	30	do.	--	--	VF	440	Water producing fractures at 40, 150, 200, 243, and 260 ft.
-4	Eddy Farm Hotel	--	C	Dr; DE	r35	6	35	Gravel	r25	7/26/47	VF	510	Partial anal.
123-442-1	Gillinger Bros.	--	--	Dr; OH	r180	6	--	Shale	--	--	VF	460	
-2	Crescent Silver Manufacturing Co.	14	C	-- --	r89	6	--	do.	--	--	VF	460	
123-441-1	Spur Bottling Co.	25	C	-- --	r325	6	30	do.	r19	7/23/47	Hs	540	
-2	Tri-State Products Co.	4	C	-- --	r344	8	30	do.	r14	7/23/47	Hs	560	Well originally 372 ft deep.
123-440-1	J. Burton Clark	35	D	-- --	r85	6	15	do.	r40	7/24/47	Hs	450	
-2	Van Imergen Dairy	--	C	-- --	r185	6	50	do.	--	--	Hs	440	
-3	John Forbes	--	A, D	Dv; S	21	3	--	Gravel	17.9	7/25/62	VF	455	
-4	Mr. Culver	330	T	Dr; S	r73	8	23	Sand and gravel	r8	1/27/67	VF	440	dd 9.8 after pumping 17 hours; mostly sand and gravel, silt at 35 to 40 ft and 50 to 69 ft; bedrock at 75 ft; screened from 23 to 34 ft and 69 to 73 ft.
123-439-1	A. Muller	--	D	-- --	r24	1	--	do.	r21	8/ 7/47	VF	480	
-2	E. P. Westbrook	--	D	-- --	r27	1	--	do.	r23	8/ 7/47	VF	470	
-3	Clara Van Vliet	--	D	Du; P	15	24	15	Sand	9.0	8/ 7/47	VF	440	Well ends on top of rock surface.
-4	Cejwin Camps, Inc.	--	C	-- --	r6	120	6	Gravel	r3	8/ 8/47	VF	440	
-5	A. Pantley	--	D	Dv; S	r24	1	--	do.	r20	8/ 7/47	VF	450	
-6	J. H. Westbrook	--	D	Dr; OH	r180	6	--	Shale	--	--	Hs	460	
-7	Henry Heinbokel	--	D	Dv; S	r27	1	--	Sand and gravel	r19	8/ 8/47	VF	480	
123-438-1	C. W. Cuddeback	--	A, D	Du; P	r40	24	40	Shale	r34	8/ 7/47	Hs	440	
-2	George Miller	7	D	Dr; OH	r103	6	25	Carbonate	r38.8	7/26/62	VF	480	Water-bearing fractures at 90 ft.
123-435-1	John Costic	--	D	Du; P	11	30	11	Till	10.1	7/31/62	Hs	970	Well ends on top of rock surface.
-2	Robert Balding	6	D	Dr; OH	106	6	18	Shale	16.9	7/31/62	Hs	950	
123-431-1	Minisink Valley Central School	17	I	-- --	r802	6	130	do.	r80	5/15/64	Ht	659	Water level not true static water level; yield decreased to 11 gpm after 1 year.
123-430-1	do.	5	I	-- --	r300	6	130	do.	r40	3/ /62	Ht	650	Abandoned.
-2	do.	47	I	-- --	r300	6	130	do.	r40	3/ /62	Hs	600	Water contained silt for first few weeks of pumping.
123-429-1	Jerre and William Telgheder	40	A, D	Dr; OH	r91	6	33	do.	20.7	11/16/64	VF	560	
-2	Frank Bergen	28	A, D	-- --	r179	6	100	do.	--	--	Hs	545	H_2S.
123-428-1	William T. Green	15	P	-- --	r138	6	25	do.	r7	5/15/64	VF	515	

Table 1.--Records of selected wells and springs (Continued)

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123-428-2	William T. Green	11	P	-- --	r140	6	25	Shale	r7	5/15/64	VF	515	Flowed when drilled.
-3	Middletown Milk and Cream Co.	64	C	-- --	r262	6	--	do.	--	--	Hs	515	H_2S; iron; yield measured in November 1962; interferes with well 128-428-4.
-4	do.	--	C	-- --	r297	8	--	do.	r30	5/15/64	Hs	510	H_2S; iron; interferes with well 128-428-3.
-5	do.	--	C	-- --	r186	6	--	do.	--	--	Hs	500	H_2S; iron.
-6	John Bergen	30	D	-- --	r110	6	45	do.	--	--	VF	500	Iron; 30 gpm after 3 days uninterrupted pumping.
123-427-1	Anthony Bertolino	--	D	-- --	81	7	--	--	6.5	6/17/64	Ht	535	Possibly producing from sand.
-2	Methodist Church	--	I	-- --	r425	7	--	Shale	--	--	Ht	590	H_2S.
-3	Miss Alice Roberts	10	D	-- --	152	6	62	do.	14.4	8/ 2/65	VF	510	
123-426-1	Leslie Knapp	--	D	-- --	145	6	--	do.	23.0	8/ 2/65	Hs	530	
123-425-1	John R. Manning	--	P	-- --	r278	7	105	do.	--	--	Ht	680	Log.
123-424-1	City of New York	120	I	Dr; S	r41	6	--	Sand and gravel	1.0	4/14/65	VF	380	Log; a series of 12 screened wells; abandoned and partially destroyed; backfilled 27 ft.
123-423-1	do.	17	I	Dr; OE	r54	6	54	?	r35	10/ /62	VF	400	H_2S; possibly producing from sand.
-2	Antony Korycki	--	A, D	Dr; OH	r112	6	10	Shale	r5	5/ 7/64	Hs	440	
123-422-1	Jesus Christ Triumphant Church Apostolic Faith, Inc.	--	I	Du; P	5	102	5	Sand and gravel	1.0	12/ 8/65	Hs	480	
-2	Dirk Pennings	12	A, D	Dr; OH	r138	6	80	Shale	r12	6/ /65	Hs	460	Log.
123-420-1	Orange County	15	P	-- --	r147	6	20	do.	r7	5/ /63	Ht	465	
-2	do.	50	C	-- --	r350	8	17	do.	129	7/14/64	Hs	455	Well drilled a few feet from previous site of calcium chloride stockpile.
-3	Dairyman's League	58	C	-- --	r290	8	27	do.	.0	7/14/64	VF	440	Well originally 303 ft deep; filled last 10 ft with concrete to plug hydrogen-sulfide producing fractures; reduced yield 10 gpm.
123-417-1	Wilmarth Tuthill	1	A, D	-- --	503	6	105	do.	49.5	9/15/65	Ht	410	
123-414-1	R. McKenzie	--	D	-- --	122	6	70	do.	--	--	Hs	410	
123-410-1	Louis M. Schnitzer	16	P	-- --	365	8	3	do.	--	--	Ht	420	H_2S.
-2	do.	10	P	-- --	300	8	--	do.	--	--	Hs	420	Do.
123-409-1	Marvin Greene	80	C	-- --	300	8	87	do.	r60	1960	Hs	580	Yield decreases to 40 gpm during dry summer months.
-2	do.	40	C	-- --	283	6	162	do.	r97	--	Hs	620	
-3	Walter L. Geysen	20	D	-- --	129	6	--	do.	--	--	Ht	590	
123-405-1	Village of Cornwall	--	T	-- --	108	8	105	None	--	--	VF	265	Log.
-2	do.	--	T	-- --	118	8	115	do.	--	--	VF	270	Do.
-3	do.	40	T	Dr; OE	71	8	71	Sand and gravel	--	--	VF	275	Log; backfilled 30 ft.
-4	do.	--	T	Dr; OH	120	8	95	None	--	--	VF	275	Log.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
123-405-5	Village of Cornwall	--	T	-- --	120	8	106	None	--	--	VF	285	Log.
-6	do.	--	T	-- --	90	8	85	do.	--	--	VF	295	Do.
-7	do.	--	T	-- --	90	8	85	do.	--	--	VF	280	Do.
-8	do.	--	T	-- --	90	8	85	do.	--	--	VF	275	Do.
-9	do.	25	T	Dr; OE	r71	8	71	Sand and gravel	--	--	VF	300	dd 15; log; backfilled 9 ft.
-10	do.	--	T	Dr; --	r103	8	100	None	--	--	VF	285	Log.
123-404-1	Star Expansion	--	D	Dr; OE	r100	6	100	Gravel	flows	9/ 2/65	Hs	310	Flows about 4 gpm 9/2/65.
122-441-1	Kolmar Laboratories	--	P	Dr; OH	r850	6	20	Shale	r190	7/22/47	Ht	920	
-2	E. Mackey and Co.	50	C	-- --	r190	6	143	do.	--	--	VF	450	Partial anal.
122-440-1	Van's Beach	--	C	Dv; S	r50	1	--	Gravel	--	--	VF	431	
-2	Diamond Creamery	--	C	Dr; OE	r110	6	110	do.	r9	7/25/47	VF	470	Partial anal; log.
-3	Leopold Muckstadt	--	D	Dv; S	r30	2	--	Sand and gravel	--	--	VF	460	
-4	P. K. Young	14	D	Dr; OH	r82	6	3	Shale	r30	7/29/39	Hs	500	
-5	Joseph Martin, Jr.	--	D	Dv; S	21	1	18	Sand and gravel	16.7	7/25/62	VF	450	
-6	C. V. Crane	--	D	Du; P	28	24	28	Gravel	r18	7/23/47	VF	440	
-7	Port Jervis	--	T	Dv; S	r134	--	34	None	--	--	VF	440	Mostly fine sand, silt, and clay; sand and gravel at 65 to 70 ft and 114 to 116 ft.
122-439-1	W. H. Simpson	--	A, D	Dv; S	28	1	--	Gravel	r16	7/23/47	VF	460	
-2	William Hoffman	--	D	Dr; OH	76	6	14	Shale	--	--	Hs	480	
-3	Willis Simpson	6	A, D	Dv; S	r28	2	28	Sand and gravel	16	7/25/62	VF	440	Perforated casing.
122-437-1	M. Ackerman	5	D	Dr; OH	r60	6	15	Conglomerate	r20	5/ /57	Hs	1,160	Anal; iron; water turbid.
122-436-1	Harold Cortright	10	C	-- --	r79	6	24	Shale	r5	9/ /57	VF	950	H_2S.
122-435-1	Joseph Drapl	9	D	-- --	r137	6	30	do.	r40	1960	Ht	1,025	
122-431-1	Joseph Byington	13	D	-- --	r213	6	--	do.	--	--	Hs	590	H_2S.
-2	Marcus Potter	2	D	-- --	121	6	80	do.	10.0	8/12/64	Hs	580	
-3	Richard Potter	20	D	-- --	r140	6	20	do.	--	--	Ht	560	
122-427-1	Anthony Bertolino	--	D	Du; P	28	30	28	Till	10.1	6/17/64	Ht	545	
122-424-1	Edward Jankowski	--	D	Dr; OH	r325	7	291	Shale	--	--	Hs	430	Iron; log.
-2	Louis Labonowski	10	D	Dr; OE	r108	6	108	Gravel	15	1958	VF	380	
122-423-1	Clifford B. Tuthill	12	A, D	-- --	r180	6	28	Shale	--	--	Ht	510	Originally 135 ft deep; drilled deeper.
-2	John J. Downey	--	D	Dr; OE	r92	6	92	Gravel	r22	11/ /62	Hs	400	Iron.
-3	Richard Slesinski	10	D	Dr; OH	r140	7	80	Shale	r30	1963	Hs	425	
122-416-1	Tony Long	2	D	Dr; OH	r300	6	213	do.	--	--	Hs	540	Log.
122-411-1	Jasper C. Worley	5	P	Dr; S	69	8	59	Sand and gravel	2.1	6/25/65	VF	475	Log; destroyed; too much fine material to develop.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
122-411-2	Jasper C. Worley	100	P	Dr; OH	r320	6	70	Shale	--	--	VF	475	Iron; temp 53.5 7/29/65; brown, soft rock 300 to 320 ft; water turbid.
-3	do.	45	P	Dr; OE	r58	6	58	Sand and gravel	2.1	6/25/65	VF	475	Abandoned.
122-410-1	Levinson and Horowitz	400	P	Dr; OH	r450	8	87	Shale	r4	11/21/63	VF	490	
122-406-1	Albert Wolf	30	C	-- --	r152	9	40	Sandstone	r10	9/16/63	Hs	400	
-2	Jimmy Seaman	25	A, D	Dr; OE	r85	6	85	Gravel	--	--	VF	340	
-3Sp	Albert Wolf	20	--	-- --	--	--	--	Sand	flows	10/ 1/63	Hs	405	Temp 9.6 10/1/63; flows 20 gpm.
122-400-1	U.S. Military Academy	2	D	Dr; OH	r265	6	21	Crystalline	r17	3/ /65	Hs	870	
121-441-1	Port Jervis Fuel and Supply Co.	10	C	-- --	r441	8	--	Shale	r30	7/22/47	VF	457	Well enters rock at 3 ft.
121-440-1	L. Newmeir	--	D	Du; P	r50	24	50	do.	r30	8/ 8/47	Hs	460	Well ends at rock surface.
-2	Darwin Hoffman	12	D	Dr; OE	r85	6	85	Gravel	r20	7/28/47	Hs	575	Log; backfilled 1 ft.
-3	Estate of W. L. Cuddeback	3	--	Dv; S	r21	1	--	Sand and gravel	--	--	VF	460	
121-437-1	Ernest Soudant	--	D	Dr; OH	98	6	--	Shale	27.0	7/30/62	Hs	1,030	
121-433-1	Frank Fairweather	25	A, D	-- --	r279	6	128	do.	r60	1939	Hs	745	
121-432-1	Ralph Ford	7	C	Dv; S	r30	3	30	Sand	r20	5/11/64	Hs	500	Log.
-2	William Hulle	3	D	Dr; OH	r137	6	40	Shale	r9	7/ /64	Hs	525	Do.
121-431-1	Reynolds Roe	--	A, D	-- --	r100	6	11	do.	r16	--	Hs	485	
121-430-1	Clarence Ford	1	D	-- --	r147	6	16	do.	r30	9/ /62	Ht	500	
-2	John Manning	4	C	-- --	r85	7	40	do.	r15	1954	VF	440	H_2S; log.
-3	do.	--	D	-- --	r120	7	40	do.	r15	1957	VF	460	Log.
-4	do.	5	D	-- --	r153	7	--	do.	r40	1958	Hs	490	
-5	Edna Decker	25	D	-- --	r206	6	100	do.	r45	1958	Ht	505	
-6	Henry Bennett	10	D	-- --	r188	6	95	do.	r40	1962	Ht	500	H_2S.
-7	Borden's Milk Products of New Jersey	53	C	-- --	r335	8	--	do.	--	--	Hs	490	Do.
121-429-1	Kostic and Uszenski	--	A, D	Dv; S	r43	1	43	Sand	--	--	VF	450	
-2	John Witjowski	6	D	Dr; OH	201	6	90	Shale	47.8	7/15/64	Hs	510	
-3	Lewis Parent	6	D	Dr; OE	133	6	134	Gravel	51.2	7/15/64	Ht	535	Filled in 1 ft.
121-427-1	Tony Tomasewski	60	D	Dr; OE	79	6	80	Carbonate	32.3	9/18/64	Hs	460	Log; drilled to 125 ft and backfilled with gravel to 79 ft; soft, yellow limestone from 100 to 110 ft.
-2	Mr. Tomasewski	--	D	Du; P	18	24	18	Till	13.2	9/18/64	Hs	450	
121-426-1	Anna Slowinski	--	D	Dr; OH	149	6	--	Carbonate	--	--	Hs	430	
121-423-1	Chet Karycki	20	D	-- --	144	7	96	do.	10	5/ /64	Hs	430	dd 30; log.
-2	George Prochazka	--	A	Dv; S	90	1	--	Gravel	(r)flows	4/ /64	VF	395	Temp 9.8 7/21/64; yield greater than 5 gpm.
-3	New York State	18	I	Dr; S	r47	6	--	Sand and gravel	--	--	VF	383	Flows 4 gpm at 6.5 ft below land surface; water turbid.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topographic situation	Altitude above sea level (feet)	Remarks
121-423-4	New York State	40	I	-- --	r47	6	--	Sand	0.4	4/20/65	VF	383	Log; static water level 3.3 ft above land surface 2/20/57; backfilled 3 ft.
121-421-1	Mazel Construction Co.	10	D	Dr; OH	r300	6	110	Shale	--	--	Hs	610	Log.
121-420-1	Soloman Reichman	300	T	-- --	235	6	68	do.	.0	11/10/65	Hs	535	Harder rock and water 175 to 235 ft.
121-417-1	Chester Rendering Corp.	10	C	-- --	r450	8	--	do.	--	--	Ht	525	
-2	do.	30	C	-- --	r285	6	--	do.	--	--	Ht	525	
121-416-1	Village of Chester	370	P	Dr; S	41	8	33	Sand and gravel	7.3	12/10/65	VF	460	dd 10 after pumping 5 3/4 hours; log; backfilled 27 ft.
121-415-1	do.	30	T	Dr; OE	70	6	70	do.	4.9	12/ 2/65	Hs	440	Log; backfilled 2 ft.
121-413-1	Evans Dairy Co.	30	C	Dr; OH	r165	6	40	?	r15	6/ /64	Ter	530	
121-411-1	Osmond Kasch	7	D	Dr; OE	r86	6	86	Sand	--	--	Ht	620	
121-410-1	N. Y. Prov. Order of the Society of Jesus	50	I	Dr; OH	r260	8	--	Sandstone	r40	6/ 3/57	Hs	1,000	Anal.
121-406-1	Trail Water Co.	10	P	-- --	r287	6	15	?	--	--	Ht	720	
121-358-1	William A. Brunelly	57	C, D	-- --	r140	8	--	Crystalline	--	--	Hs	170	Iron.
120-437-1	Adam Heinemann	25	D	-- --	r156	6	--	Shale	--	--	Hs	970	
-2	Walter Heinemann	--	D	Du; P	21	36	21	?	17.3	7/30/62	Hs	970	Temp 10 7/30/62.
120-433-1	Warren Ford	8	P	Dr; OH	r183	6	93	Shale	flows	9/14/65	Hs	660	Iron; water-bearing fractures at 104 and 117 ft.
-2	John Tjepkema	--	A, D	-- --	r195	6	--	do.	flows	9/14/65	Ht	690	
120-432-1	Mrs. Lelia Davis	35	D	Dr; OE	131	6	135	Gravel	30.3	7/17/64	Hs	525	Log; backfilled 4 ft.
-2	William Korman	10	D	Dr; OE	r155	6	155	Sand and gravel	--	--	Ht	540	
-3	James Morrison	15	A	Dr; OH	r200	7	65	Shale	r15	7/17/64	VF	475	H_2S; log; had 5 gpm in gravel at 25 ft.
-4	Arthur Deutsch	15	D	-- --	r265	6	115	do.	--	--	Hs	530	H_2S; water turbid.
-5	Lawrance Hansen	5	A, D	-- --	r128	7	41	do.	r20	1962	Hs	470	
120-429-1	Warren Turf Co.	--	A, D	Du; P	21	26	21	Sand	15.7	7/15/64	VF	400	Temp 9.2 7/15/64.
-2	Gordon Butterfield	12	A	Dr; OH	r104	6	30	Shale	--	--	Hs	440	
-3	Harry Carter	--	A, D	-- --	r130	6	--	do.	8.8	7/15/64	Hs	435	
-4	do.	--	A, D	-- --	13	6	--	?	7.9	7/15/64	VF	430	
-5	Mrs. Loraine Ford	--	A, D	Dr; OH	r120	6	--	Shale	33.4	7/21/64	Hs	510	Pumping when water level was measured.
120-428-1	Mrs. Mary Koppie	5	D	Dr; OH	r85	6	--	Carbonate	--	--	VF	405	35 ft deep and flowing when first drilled; redrilled in 1935.
-2	Herman Mack	--	D	-- --	r176	6	81	do.	--	--	Hs	420	Iron; gravel in overburden.
120-427-1	Blue Grass Lawn Farms	5	D	Dr; OE	r75	6	75	Gravel	--	--	Ht	425	Log.
-2	Mrs. Mary Koppie	--	D	Dr; OH	r50	6	--	Carbonate	--	--	Hs	420	
-3	Henry Butryn	15	D	Dr; OE	r33	8	33	Gravel	r13	1960	Hs	400	Log.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
120-423-1	Joseph Nizolek	10	D	Dr; OH	r130	6	127	Carbonate	--	--	Hs	410	Bedrock at 106 ft; cased from 106 to 127 ft to seal off muddy seam.
120-421-1	William Rosenberg	49	C	-- --	r411	7	51	Shale	--	--	VF	400	
-2	do.	35	C	-- --	r203	7	51	do.	--	--	VF	400	
120-417-1	A. W. Hollenbeck, Inc.	35	C	-- --	r206	6	5	do.	--	--	Hs	530	
-2	Martin Smith	1	D	-- --	r150	6	--	do.	r40	1957	VF	495	
-3	Town of Goshen	14	T	Dr; S	r37	6	32	Sand and gravel	r3.6	--	VF	480	dd 14.5 after pumping 1 hour; log; reported rock at 35 1/2 ft.
-4	do.	44	T	-- --	r38	6	32	do.	r4.9	--	VF	480	dd 24 after pumping 3 1/2 hours; log; reported rock at 41 ft; backfilled 3 ft.
-5	do.	44	T	-- --	r26	6	21	do.	r1.5	--	VF	480	dd 23.2 after pumping 2 3/4 hours; log; reported rock at 36 ft; backfilled 10 ft.
-6	Percey Baird and Sons	10	T	Dr; OE	69	6	70	do.	5.9	7/15/65	VF	485	Log; sand and gravel heaved 20 ft at 60 ft depth; filled in 1 ft.
-7	Village of Chester	350	P	Dr; S	61	8	41	do.	11.8	1965	VF	480	dd 10 after pumping 23 1/2 hours; iron; log; water levels in ponds near well dropped 6 inches and 3 inches; chloride content reported greater than 500 milligrams per liter.
-8	do.	--	T	Dr; OE	69	6	70	Gravel	5.1	12/13/65	Hs	480	Log; backfilled 6 ft.
-9	do.	460	P	Dr; S	110	8	100	Sand and gravel	+1.5	2/ /66	VF	470	dd 80 after pumping 140 hours; log; pumping causes drawdown in well 120-417-6, 1.3 ft after 100 hours; backfilled 17 ft.
-10	do.	--	O, T	Dr; OE	r115	6	115	Till	+.5	3/22/66	VF	470	Water level apparently unaffected while pumping well 120-417-9.
120-414-1	Palisades Interstate Park Comm.	--	D	Dr; OH	107	6	12	Sandstone	27.6	6/ 4/64	Hs	490	
-2	do.	--	D	-- --	55	6	--	Quartzite	25.4	7/30/64	Ht	590	
120-413-1	do.	--	C	-- --	200	6	65	Shale	+23.0	4/25/66	VF	430	Temp 10.6 6/15/64; water enters well at 180 ft.
-2	Jim Irving	5	D	-- --	63	6	--	Red sandstone and shale	10.4	7/16/64	Hs	510	Iron.
-3	Palisades Interstate Park Comm.	--	D	Du; P	37	36	37	Till	14.6	10/ 7/64	Hs	540	Temp 10.5 at 24 ft 10/7/64.
120-412-1	Olaf Jacobsen	4	D	Dr; OH	r107	6	--	?	--	--	Hs	510	
-2	Vernon Lybolt, Sr.	12	D	-- --	r200	6	--	?	r20	1960	Hs	530	
120-409-1	John Dornes	8	D	-- --	199	6	--	Sandstone	57.6	5/22/63	Hs	640	
-2	do.	5	D	-- --	138	6	--	do.	66.5	5/22/63	Hs	690	
120-407-1	Town of Woodbury	400	P	Dr; S	r115	12	80	Sand	r+1.5	11/ /62	VF	470	dd 27 after pumping 504 hours; log; 1,000 gpm possible; backfilled 2 ft.
-2	do.	300	P	-- --	r134	12	94	do.	r+4	11/ /62	VF	470	dd 70; log; backfilled 2 ft.
-3	do.	550	T	-- --	r75	12	55	Sand and gravel	--	--	VF	455	dd 20 after pumping 168 hours; log; pumping of this well and wells 120-407-1 and 2 caused the water level in a pond 0.4 mile to the north to decline about 1 inch per day; backfilled 8 ft.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
120-407-4	Town of Woodbury	--	O, T	Dr; OE	77	6	77	Sand and gravel	1.0	6/ 4/64	VF	467	Log; original flow reported to be 228,000 gpd at 34 inches above land surface; backfilled 60 ft.
-5	do.	--	T	Dr; OE	r202	--	202	None	r25.0	1960	VF	466	Log; water level measured when well ended at 117 ft.
-6	do.	40	T	-- --	r74	6	69	do.	r+8.0	1960	VF	480	dd 20; log.
-7	do.	--	T	-- --	r120	6	120	do.	--	--	VF	470	Log.
120-406-1	Harry McIntire	--	D	Du; P	18	48	18	Clay	9.0	9/30/63	Hs	560	
-2	do.	--	D	Du; P	9	48	9	do.	3.3	9/30/63	Hs	570	
120-358-1	Bodrell, Inc.	--	C	Dr; OH	r240	6	--	Crystalline	14.9	5/ 9/63	Hs	80	Bedrock at land surface.
119-434-1	Irwin and Richard Demberg	35	A, D	-- --	r130	6	30	Shale	r6	1958	VF	500	5 gpm when 75 ft deep.
119-433-1	M. Mesco	8	D	-- --	r134	6	20	do.	15.9	6/ 4/57	Hs	460	Anal.
-2	Richard Hansen	15	A, D	-- --	r400	6	40	do.	r40	10/ /62	Hs	530	H_2S; water-bearing fractures reported at 360 and 396 ft.
119-432-1	Frank O. Ford	--	A, D	-- --	r100	6	--	do.	r30	8/12/64	Hs	540	
119-430-1	Lester Lain	27	A, D	-- --	r136	6	8	Carbonate	r36	5/ /58	Hs	400	
-2	Arthur Lain	4	A, D	-- --	r260	6	30	do.	100.2	11/16/64	Ht	520	
119-425-1	Stanley Sobkowik	--	C, D	Dr; OE	r85	6	85	Sand	r6	1958	VF	400	
-2	Charles Miller	--	D	Du; P	18	48	18	do.	5.5	7/22/63	VF	400	
119-423-1	Tom Volock	--	D	-- --	13	48	13	Sand and gravel	9.1	7/16/63	Hs	410	
-2	J. B. Andryshak	12	D	Dr; OH	r105	6	35	Carbonate	r10	1/ /59	VF	400	
119-422-1	Robert Regelski	3	D	-- --	134	6	17	Shale	35.6	7/17/63	Hs	530	
119-420-1	H. Hartmayer	10	D	-- --	r138	6	15	do.	--	--	Hs	595	
119-418-1	Joe Straub	--	A	-- --	165	6	--	do.	36.6	6/26/63	Hs	535	
119-417-1	Edward Parker	--	D	-- --	r100	8	--	do.	--	--	Hs	545	
-2	Dr. R. H. Conklin	4	D	-- --	r330	6	160	do.	--	--	Hs	525	H_2S.
-3	Ezra Decker	30	D	-- --	r243	6	--	do.	r10	1956	Ht	540	Gravel and quicksand in overburden.
119-416-1	R. C. Baldwin	--	D	Du; P	19	18	19	Till	14.9	7/10/63	Hs	535	
-2	Percy Baird and Sons	15	A, D	Dr; OH	r268	6	127	Shale	r30	12/ /60	Hs	560	Log.
119-415-1	Ralph Eickelbeck	30	D	-- --	r105	6	60	Crystalline	0	8/ /62	Hs	590	Do.
-2	Palisades Interstate Park Comm.	--	C	-- --	103	6	103	?	3.2	6/ 3/64	VF	440	
-3	do.	--	O, C	Dr; OE	33	8	33	Sand and gravel	2.0	6/ 3/64	VF	440	Partial anal; dd 2.36 at 15 gpm after pumping 15 minutes; log; temperature profiles; U.S.G.S. observation well.
-4	do.	--	O, A, D	Dr; OH	98	6	73	Carbonate	14.7	6/ 4/64	VF	445	High-yield well; temperature profiles; U.S.G.S. observation well.
119-414-1	Alfred King	10	D	-- --	r210	6	90	Sandstone	--	--	Hs	600	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
119-414-2	Palisades Interstate Park Comm.	--	D	-- --	194	6	8	Quartzite	57.5	6/ 4/64	Ht	560	Temperature profiles; U.S.G.S. observation well; sensitive to earth tides.
119-412-1	I. Hammerman	--	D	-- --	164	6	--	Sandstone	69.3	6/21/63	Hs	810	
119-410-1	L. Maxwell	--	D	-- --	308	6	--	?	48.1	5/29/63	Ht	620	
119-409-1	J. Gocek	2	D	-- --	167	6	160	Red sandstone and shale	--	--	Hs	660	Iron.
-2	do.	--	D	Du; P	15	30	15	Till	6.9	5/22/63	Hs	660	
-3	New York State	60	I	Dr; DH	r180	6	54	Red sandstone and shale	--	--	Hs	635	Iron; aquifer is Longwood Shale, which is very soft at this location.
119-408-1	A. Frandino	16	D	-- --	140	6	--	Carbonate	61.5	5/21/63	Ht	615	
-2	Julian Cornell	--	D	-- --	r455	10	200	do.	--	--	Hs	775	Log; boulder-till overburden.
-3	Mrs. John Stainton	--	D	-- --	r597	10	193	Red sandstone and shale	--	--	Hs	840	Log.
119-407-1	Monroe Woodbury Central High School	19	I	-- --	r470	10, 8	--	Carbonate	29.7	6/ 3/63	VF	580	Well may enter rock at 110 ft.
119-406-1	F. Wolpert	4	D	-- --	r90	4	--	Crystalline	--	--	Hs	710	
-2	do.	22	C	-- --	139	6	--	do.	18.1	5/21/63	Hs	780	
119-405-1	Mrs. R. Brush	--	D	Du; P	11	36	11	Till	7.3	5/21/63	Hs	1,025	
118-434-1	George Constable	30	A, D	Dr; OH	r140	6	--	Shale	--	--	VF	520	
118-433-1	Village of Unionville	--	P	Dr; OE	34	6	34	Gravel	9.5	2/ 7/66	VF	508	This is a collector well, a 15 by 50-ft concrete tank, 11 ft deep with four wells drilled vertically in the bottom.
-2	do.	50	P	Dr; OH	r100	6	--	Shale	--	--	VF	508	H_2S; water turbid.
-3	Minisink Valley Rubber Mill	100	C	Dr; S	r42	8	--	Gravel	r8	--	VF	518	
118-431-1	Mrs. Eva Watch	7	D	Dr; OH	r220	6	22	Shale	16.1	11/13/64	Hs	450	
118-429-1	George Gurda and Sons	100	A	-- --	396	7	30	Carbonate	1.8	6/16/64	VF	390	Log.
118-427-1	Paul Bogdanski	10	D	-- --	125	7	55	do.	r25	3/ /63	Hs	395	Do.
118-426-1	Mrs. S. Akcki	--	D	Du; P	18	48	18	Sand	10.2	7/22/63	Hs	405	
118-425-1	Edward Pawliczek	11	D	Dr; OH	r185	6	--	Carbonate	--	--	Hs	395	
118-424-1	Joseph Pikul	10	D	-- --	r150	6	46	Sandstone	--	--	Hs	460	
118-423-1	George Pikul	5	D	-- --	r256	6	--	Carbonate	r14	3/ /59	Hs	420	
118-422-1	Dan Bakker	7	A, D	-- --	r86	6	20	do.	--	--	Hs	600	
-2	Arthur Phillups	9	D	-- --	89	6	44	Shale	25.7	7/23/63	Hs	570	
118-421-1	G. Kuiken	8	A, D	-- --	r130	6	20	do.	--	--	Hs	700	
118-420-1	J. Wilson	--	D	Du; P	12	30	12	Till	5.5	7/12/63	Ter	600	
118-418-1	H. Waller	--	D	Dr; OH	127	6	--	Shale	15.3	7/ 9/63	Hs	660	
118-417-1	J. B. Laroe and M. K. Laroe	--	A, D	-- --	122	6	--	do.	28.3	6/24/63	Hs	620	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
118-415-1	Charles Slaughter	--	D	Du; P	3	60	--	Till	0	6/19/63	VF	480	
-2	Conklin Lumber Co.	110	P	Dr; S	95	8	76	Sand and gravel	--	--	VF	460	Yield is greater than 110 gpm.
118-413-1	William Hennessy	--	D	Dr; OH	r126	6	--	Sandstone	--	--	Hs	730	
-2	All Season's Cooperative Homes	--	P	-- --	150	6	--	do.	28.2	8/26/65	Hs	750	Water level 27.3 ft 6/30/65.
118-412-1	L. Goldman	3	C, D	-- --	r180	6	--	Crystalline	--	--	Hs	870	
118-411-1	Fred Holtz	--	A, D	Du; P	8	120	--	Till	2.5	6/11/63	VF	700	
118-410-1	R. Hunter	--	D	Dr; OH	105	6	--	Carbonate	32.1	6/11/63	Hs	760	
118-409-1	William Lantz	8	A, C	-- --	95	8	70	do.	12.0	5/31/63	VF	575	
-2	Village of Harriman	25	P	-- --	r326	10	74	Carbonate. Crystalline	--	--	Hs	750	
-3	Jerry Borrico	--	D	-- --	r187	6	28	do.	flows	11/21/63	Hs	590	Anal; temp 10.1 11/21/63; flow at least 12 gpm 11/21/63; water level reported to be greater than 20 ft above land surface datum in 1940.
-4	Caroline Bromley	--	D	Du; P	9	24	9	Sand	5.4	11/21/63	VF	495	
118-408-1	Village of Harriman	350	P	Dr; S	34	12	24	Sand and gravel	16.3	5/31/63	VF	535	dd 3 after pumping 24 hours; log; water level of 5/31/63 is not static level; backfilled 4 ft.
-2	W. A. Harriman	--	D	Du; P	3	54	3	Gravel	2.0	6/ 5/63	VF	550	
-3	Nepera Chemical Co.	45	C	Dr; S	45	10, 6	39	Sand and gravel	--	--	VF	535	Log.
118-407-1	W. A. Harriman	--	A, D	Dr; OH	r500	8	--	Carbonate	r100	1942	Hs	570	
117-428-1	John Jarosz	--	D	Du; P	r22	72	22	Gravel	r4	1941	Hs	420	
-2	Teddy Krajewski	4	D	Dr; OH	182	7	10	Carbonate	r20	1/ /64	Hs	440	
117-427-1	Edward S. Pietrzak	--	C, D	-- --	r200	10	--	do.	--	--	Hs	420	
-2	Ray Shuback	75	C	-- --	r175	6	110	do.	r8	3/ /61	Hs	425	
117-426-1	Frank Barczak	--	D	Du; P	r16	48	16	Till	6.7	7/23/63	Hs	420	
117-424-1	Ignatius Kanrowski	12	D	Dr; OH	r85	6	10	Carbonate	r10	1963	Hs	495	
117-423-1	Vincent Janiak	--	D	-- --	r175	6	--	do.	--	--	Hs	480	
117-422-1	N. Osinga	--	A, D	Du; P	2	51	2	Till	.7	7/12/63	Hs	540	
117-421-1	Frank Gibson	--	D	-- --	29	30	29	do.	17.3	7/12/63	Hs	745	
-2	do.	6	D	Dr; OH	r285	8	75	Shale	29.8	7/12/63	Hs	760	
117-420-1	Pierson Booth	1	D	-- --	r129	6	11	do.	25.0	7/11/63	Hs	800	
117-419-1	Moore and McCarthy Assoc.	--	D	-- --	r180	6	--	do.	50.1	7/ 9/63	Hs	780	
-2	do.	--	D	Du; P	50	30	50	Till	7.5	7/ 9/63	Hs	780	
117-418-1	David Hull	11	D	Dr; OH	r125	6	--	Shale	--	--	Plt	695	Flowed when drilled in 1962.
117-417-1	Town of Warwick	--	C	Du; P	14	24	14	Clay and sand	5.7	6/24/63	Hs	540	
-2	King's Highway Water Co.	65	P	Dr; OH	r161	8	50	Shale	r23	--	VF	570	dd 44.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
117-417-3	King's Highway Water Co.	35	P	-- --	r305	10, 8	54	Shale	12.5	--	VF	570	Surged and cleaned in August 1963.
-4	do.	120	P	Dr; S	r39	8	29	Sand and gravel	r17.5	8/ /63	VF	570	
-5	Wickham Lakes Homes, Inc.	200	P	-- --	r92	8	72	do.	flows	8/27/64	VF	525	
117-416-1	F. De Bella	20	D	J; S	r20	2	18	Sand	r1.0	1953	VF	540	
117-415-1	Pius XII School	--	I	Dr; OH	r315	8	120	Crystalline	--	--	VF	580	
117-414-1	A. Topus	--	C, D	-- --	r225	6	--	?	--	--	Hs	690	
-2	do.	--	C, D	-- --	r206	6	--	?	--	--	Hs	685	
117-413-1	Skyline Estates, Inc.	25	D	-- --	r90	6	30	Crystalline	--	--	Hs	960	
-2	do.	20	T	-- --	305	6	15	do.	2.4	4/ 1/65	Hs	1,005	15 gpm before treatment with chemicals; most water in first 100 ft.
-3	do.	0	T	-- --	53	6	12	do.	2.0	4/ 1/65	VF	980	
-4	do.	0	T	-- --	52	6	32	do.	10.5	4/ 1/65	VF	985	
-5	do.	2	T	-- --	144	6	37	do.	.2	4/ 1/65	VF	1,000	
-6	do.	4	T	-- --	166	6	--	do.	5.9	4/ 1/65	VF	1,005	
-7	do.	25	T	-- --	220	6	56	do.	14.6	4/ 1/65	Hs	965	
-8	do.	18	T	-- --	135	6	52	do.	7.2	4/ 1/65	Hs	960	Treated with chemicals.
-9	do.	44	T	-- --	165	6	52	do.	19.1	4/ 1/65	Hs	970	Log; water-bearing fractures at 72, 87, and 130 ft; treated with chemicals.
117-412-1	Unknown	--	A, D	-- --	136	8	--	do.	71.8	6/14/63	Hs	940	
-2	Skyline Estates, Inc.	5	T	-- --	400	6	8	do.	5.4	1/ 7/65	VF	930	
117-410-1	Arrow Park, Inc.	80	C, P	Dr; OH	r400	8	--	do.	--	--	Hs	845	
-2	do.	--	P	-- --	r400	8	--	do.	--	--	Hs	845	
117-409-1	Lake Sapphire Club, Inc.	30	P	-- --	r250	8	--	do.	r5	1936	Hs	880	
-2	Monroe Congregation of Jehovah's Witnesses Church	--	I	-- --	r131	7	73	do.	r30	4/ /63	Hs	780	Log.
117-408-1	Unknown	--	D	Dv; S	7	3	--	Sand	6.7	5/12/64	VF	520	Abandoned and partially destroyed.
116-430-1	Stanley Grzybowski	20	D	Dr; OH	r183	6	19	Carbonate	r5	1961	Hs	420	
116-427-1	Hubert Eurich	8	A, D	-- --	r172	6	20	do.	r20	1957	Hs	450	
116-426-1	Floyd Gurda	15	D	-- --	205	6	--	do.	--	--	Hs	440	
-2	Donald Van Duzer	2	D	-- --	31	5	10	do.	14.1	10/ 3/63	Hs	480	
116-425-1	Mr. and Mrs. Robert Feagles	--	D	-- --	r100	6	--	do.	--	--	Hs	460	
116-424-1	Warren Cone	1	D	-- --	r512	8	2	do.	r212	8/ /63	Ht	550	
-2	Mrs. Henry Miller	10	D	-- --	r125	6	51	do.	--	--	Hs	480	Top of rock is at 30 ft.
-3	Frank Walter	50	C	Du; P	r8	114	--	Sand	flows	6/15/64	VF	440	Flow about 50 gpm 6/15/64.
116-423-1	R. Weymer	3	D	Dr; OH	r265	6	75	Shale	19.3	7/15/63	Hs	620	Flowed when drilled.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
116-423-2	Edenbrook Hills	10	P	-- --	r400	8	30	Carbonate	0.0	5/ 6/64	VF	470	No increase in yield from 300 to 400 ft.
-3	Mrs. Frank Walter	10	A	-- --	r165	6	--	Shale	30.9	6/15/64	Hs	630	
116-421-1	Mrs. L. Smith	30	D	-- --	r190	6	--	do.	--	--	Hs	825	
116-420-1	Denton Baird	--	A, D	-- --	r183	6	--	do.	116.9	7/10/63	Hs	700	
116-419-1	Warwick School Dist.	60	I	-- --	r175	6	97	do.	r22	5/26/64	VF	560	Log.
116-418-1	New York State	125	I	Du; P	16	60	25	Sand and gravel	11.5	6/25/63	VF	535	Filled in 9 ft.
-5	do.	25	I	Dr; CH	r306	8	104	Carbonate	10.1	6/25/63	Hs	565	dd 221 after pumping 6.5 hours; iron.
-6	do.	46	I	Dr; S	100	8	73	Sand and gravel	15.4	6/25/63	Hs	560	
-8	do.	--	I	Dr; OE	27	6	--	do.	11.7	6/25/63	VF	540	
116-417-1	do.	--	T	-- --	17	6	--	Sand	7.3	6/25/63	VF	525	
116-416-1	C. J. Conway	30	D	Dr; OH	r250	8	--	?	--	--	Hs	600	
-2	Mr. Salerno	8	D	-- --	r400	6	10	Crystalline	r160	5/27/64	Hs	710	1 gpm at 275 ft.
-3	William Beiswenger	10	C, D	-- --	r86	4	40	Carbonate	--	--	Hs	560	Limestone with enlarged fractures.
116-415-1	Robert Hornung	--	D	Dr; OE	r68	6	68	Gravel	--	--	VF	690	Log.
116-414-1	Unknown	--	D	Du; P	5	84	5	Sand and gravel	2.2	6/21/63	VF	620	
116-413-1	Skyline Estates, Inc.	3	P	Dr; OH	400	6	60	Crystalline	+.6	1/ 7/65	VF	1,040	Slight flow; magnetite-bearing rock 205 to 212 ft.
116-412-1	Otto Weber	3	D	-- --	r283	6	48	do.	r50	1943	Hs	910	
116-408-1	W. A. Harriman	110	D	-- --	r500	10	35	do.	--	--	Hs	740	110 gpm for 24 hours.
-2	do.	20	D	-- --	r530	10	--	do.	1.5	6/ 5/63	Hs	760	
116-405-1	Palisades Interstate Park Comm.	6	D	-- --	206	8	14	do.	r26	6/ 3/57	VF	1,060	Anal.
115-424-1	Clifford Parker	140	A, D	Du; P	2	48	2	Sand	flows	5/13/64	VF	515	Temp 9.5 5/13/64; flow estimate 140 gpm.
-2	Mrs. Harrison Howell	--	D	Dr; OH	50	6	--	Carbonate	23.8	5/13/64	Ht	505	Iron.
115-423-1	Raymond Sanford	--	D	-- --	119	6	--	do.	29.9	5/13/64	VF	530	Water level 43.0 ft 8/29/64; inadequate.
-2	do.	--	A, D	-- --	r120	6	--	do.	--	--	VF	520	5 gpm for 48 hours.
115-422-1	Jacob G. Pennings	22	D	-- --	r87	6	--	do.	r20	--	Hs	550	
115-421-1	Warwick Water Co.	210	P	Dr; S	r76	10	64	Sand and gravel	flows	1964	VF	520	dd 17; log; screened from 64 ft 10 inches to 74 ft 10 inches.
115-420-1	do.	400	P	Du; S	r46	72	--	do.	10.8	10/15/63	VF	555	
-2	do.	325	P	Du; S	r47	72	44	do.	17.6	10/15/63	VF	535	Temp 10.5 10/15/63; pumping during water-level measurement; well originally flowed.
115-418-1	Jacob Cohen	15	C	Dr; OH	100	6	26	Carbonate, Crystalline	6.3	5/26/64	VF	550	Log.
-2	do.	25	C	-- --	180	6	10	do.	r10	5/26/64	Hs	580	
-3	Preston Mabee	--	A, D	Du; P	r8	144	8	Sand and gravel	r5.5	8/ /63	VF	540	
-4	Mrs. Delia C. Houston	4	D	Dr; OH	r380	4	126	Carbonate	--	--	VF	545	Boulders and quicksand in overburden.

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
115-415-1	Milton J. Beers	9	D	-- --	r134	6	56	Shale	r16	5/ 4/64	VF	705	dd 38; log.
115-410-1Sp	Sterling Forest Corp.	2	U	-- --	--	--	--	Regolith	flow	11/22/63	Hs	740	Temp 9.6 10/8/63, 9.3 11/22/63.
-2	Ovi R. Conklin	--	D	Du; P	r20	30	20	Till	r17	11/ 7/63	Hs	510	
114-426-1	Roe Drew	--	D	Dr; OH	r180	6	--	Carbonate	r4	5/ 6/64	VF	460	
-2	Donald Drew	5	C, D	-- --	r200	6	5	do.	--	--	VF	470	
114-425-1	Kenneth Ashley	12	D	-- --	r85	6	61	do.	--	--	Ter	435	
-2	Harold Stickle	20	A	-- --	r60	6	40	do.	r6	5/14/64	Hs	440	
114-424-1	Milton Lord	12	D	-- --	105	6	20	do.	17.4	5/ 6/64	VF	470	Log.
-2	Art Vail	15	D	-- --	r118	6	85	do.	r40	5/ 6/64	Ht	500	Iron.
-3	William Lewis	4	D	Dv; S	r35	1	--	Sand and gravel	--	--	VF	465	
-4	Charles Fodor	20	D	Dr; OH	r120	6	60	Carbonate	r2.3	5/ 6/64	VF	460	
-5	Miss Emily Vail	--	P	-- --	r144	6	--	do.	r20	5/25/64	Ht	540	
114-423-1	John LaCava	--	U	Du; P	22	18	--	Sand	11.7	5/13/64	VF	540	Reportedly used by Continental Army during Revolution.
-2	Alfred Park	50	A	-- --	3	72	3	do.	flows	5/25/64	VF	540	Temp 8.1 5/25/64; flow 40 gpm 5/25/64.
-3	Stanley Ferguson	--	A, P	-- --	3	66	3	do.	.6	5/25/64	Hs	520	
-4	Alfred Park	--	D	Dr; S	r130	6	130	do.	20	5/25/64	Hs	560	Pump sometimes draws sand; sand heaved 30 ft up casing when drilled to 90 ft.
114-422-1	Thomas Lawrence	--	D	Dr; --	90	6	--	Unknown	34.2	5/ 5/64	Ht	560	
-2	Meduskis Shopping Center	50	C	Dr; OH	r280	--	180	Carbonate	4.4	--	VF	555	Gravel at 100 ft.
114-420-1	Harold Conklin, Jr.	200	D	-- --	r300	6	102	Crystalline	flows	5/27/64	Hs	600	Iron; log; temp 10.8 5/27/64; flow 15 gpm 5/27/64.
114-417-1	Mrs. Cormella Conti	24	C, P	-- --	r145	6	--	Red shale	--	--	Hs	660	Partial anal.
114-416-1	James and Florence Ryerson	25	D	-- --	r100	6	17	Carbonate	r13	--	Hs	695	
-2	John Welchman	12	D	-- --	r203	6	120	Shale	r30	11/ /64	Hs	730	Iron; temp 10.5 5/4/64.
-3	H. B. Wallace	9	D	-- --	157	6	100	Carbonate	21.5	5/ 4/64	Hs	800	Caving formation; sand and water up in casing 5/4/64.
114-410-1	George Kaywood	13	C, D	-- --	r159	6	60	Crystalline	--	--	Hs	515	Iron.
-2	John McDonnell	15	D	-- --	r94	6	30	do.	r30	--	VF	485	Iron; log.
-3	Peter F. Hall	20	D	-- --	r64	6	47	do.	r32	1932	VF	485	Do.
-4	Estate of Edward Lehman	38	C, D	-- --	r198	6	21	do.	r2	--	VF	490	
-5	William Osborne	5	D	-- --	r130	6	30	do.	--	--	Hs	525	
-6	Red Apple Rest, Inc.	60	C	-- --	r130	8	80	do.	r23	--	VF	585	
113-424-1	Stanley Ferguson	2	D	-- --	r240	6	85	Carbonate, Crystalline	--	--	Hs	575	
-2	Emily Vail	5	D	-- --	r78	6	20	Carbonate	r30	--	Hs	490	

Table 1.--Records of selected wells and springs (Continued)

Well number	Owner's name	Reported yield (gallons per minute)	Use	Method of construction; completion	Depth of well (feet)	Diameter (inches)	Length of casing (feet)	Aquifer	Water level: Below land surface (feet)	Water level: Date	Topo-graphic situa-tion	Altitude above sea level (feet)	Remarks
113-424-3	Emily Vail	7	D	-- --	r75	6	20	Carbonate	flows	1959	Hs	480	Iron.
113-417-1	Michael Hauser	--	D	Du; P	8	32	8	Sand	4.2	11/26/63	VF	630	
-2	Village of Greenwood Lake	100	P	Dr; S	r87	10	77	Sand and gravel	.5	9/27/63	VF	640	Yield has decreased since construction of well.
-3	do.	--	P	Dr; S	r87	10	77	do.	r6.1	10/ 9/63	VF	640	Abandoned; yield originally sufficient to pump 100 gpm.
-4	do.	25	T	Dr; P	r41	6	36	do.	r3.2	10/ 9/63	VF	640	dd 19.3 after pumping 1 hour at 12 gpm; log.
-5	do.	129	T	Dr; P	r41	6	--	do.	r3.1	10/ 8/63	VF	640	dd 18.9 after pumping 10 1/2 hours; log.
-6	do.	--	D, T	Dv; J,S	r30	1	28	do.	r8.8	9/27/63	VF	640	Log; lost water at 28 ft.
-7	do.	0	T	Dr; P	r41	6	36	do.	--	--	VF	640	Log; originally yield was 10 gpm but well clogged with clay during pumping test.
-8	do.	60	T	-- --	r36	6	31	do.	r3.8	10/24/63	VF	640	dd 19.2 after pumping 3 hours; log; backfilled 4 ft.
-9	do.	152	T	-- --	r55	6	48	do.	r2.5	5/ 7/64	VF	630	dd 11.7 after pumping 24 hours; log.
-10	do.	160	T	-- --	r46	6	42	do.	r2.0	5/20/64	VF	630	dd 12.4 after pumping 7 3/4 hours; log.
113-416-1	Jake Bayer	--	D	Dr; --	r80	6	45	?	--	--	VF	645	Overburden is sand and gravel.
-2	do.	--	D	Dr; OE	r38	6	38	Sand and gravel	r15	11/26/63	VF	645	
112-420-1	Velma Savale	30	D	Dr; OH	r90	6	30	Sandstone	--	--	VF	940	
112-419-1	Louis Gutman	4	C, D	-- --	r167	6	20	do.	--	--	Hs	950	
111-418-1	Knolls Water Co., Inc.	25	P	-- --	r135	6	--	Crystalline	--	--	Hs	660	Manganese.
-2	do.	5	P	-- --	r350	6	20	do.	--	--	Hs	790	Do.
-3	do.	5	P	-- --	r350	6	18	do.	28.7	12/ 9/64	Hs	790	
-4	do.	25	P	-- --	r300	8	--	do.	--	--	Hs	680	Manganese.
111-411-1	Joseph S. Heater	8	D	-- --	r120	6	7	do.	--	--	Hs	585	
-2	William Dowie	4	D	-- --	r103	6	--	do.	--	--	Hs	570	
-3	Harry Layton	--	D	-- --	r90	6	--	do.	--	--	VF	405	Rock is at land surface.
-4	James Mathews	6	D	-- --	r237	6	5	do.	--	--	Hs	510	
110-413-1	Tuxedo Park Assoc.	--	C	-- --	r87	6	--	do.	--	--	VF	520	Yield reported to be greater than 20 gpm.
-2	do.	21	C	Dr; DE	r107	6	107	Gravel	r17	--	VF	530	May be in a fault zone rather than water-deposited gravel.
110-411-1	Ralph Hellum	5	C	Dr; OH	r252	7	11	Crystalline	r10	--	Hs	435	1.5 gpm at 150 ft.
109-414-1	Tuxedo Park Assoc.	--	D	-- --	r93	6	40	do.	--	--	VF	490	
109-413-1	Mrs. Morgan Hamilton	--	A, P	Du; OE	7	78	7	Sand	.0	11/21/63	Hs	580	
-2	do.	--	A, P	Du; OE	6	168	6	do.	4.5	11/21/63	Hs	580	

Table 2.--Lithologic logs of wells and test borings

EXPLANATION

Locations of wells and test borings are shown in plates 1 and 2.
Well and test-boring logs have been generalized in some cases for consistency.

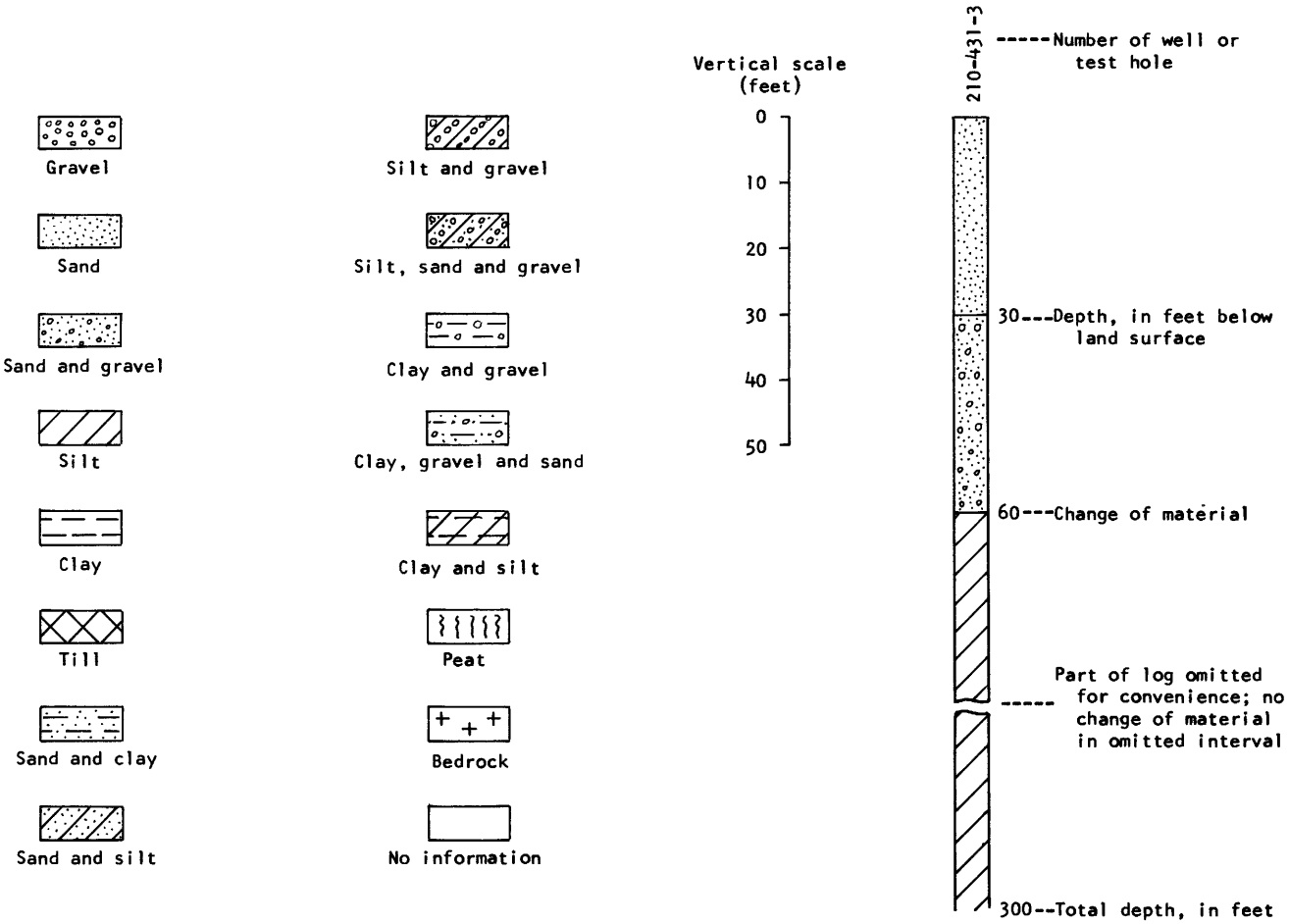

Table 2.--Lithologic logs of wells and test borings (Continued)

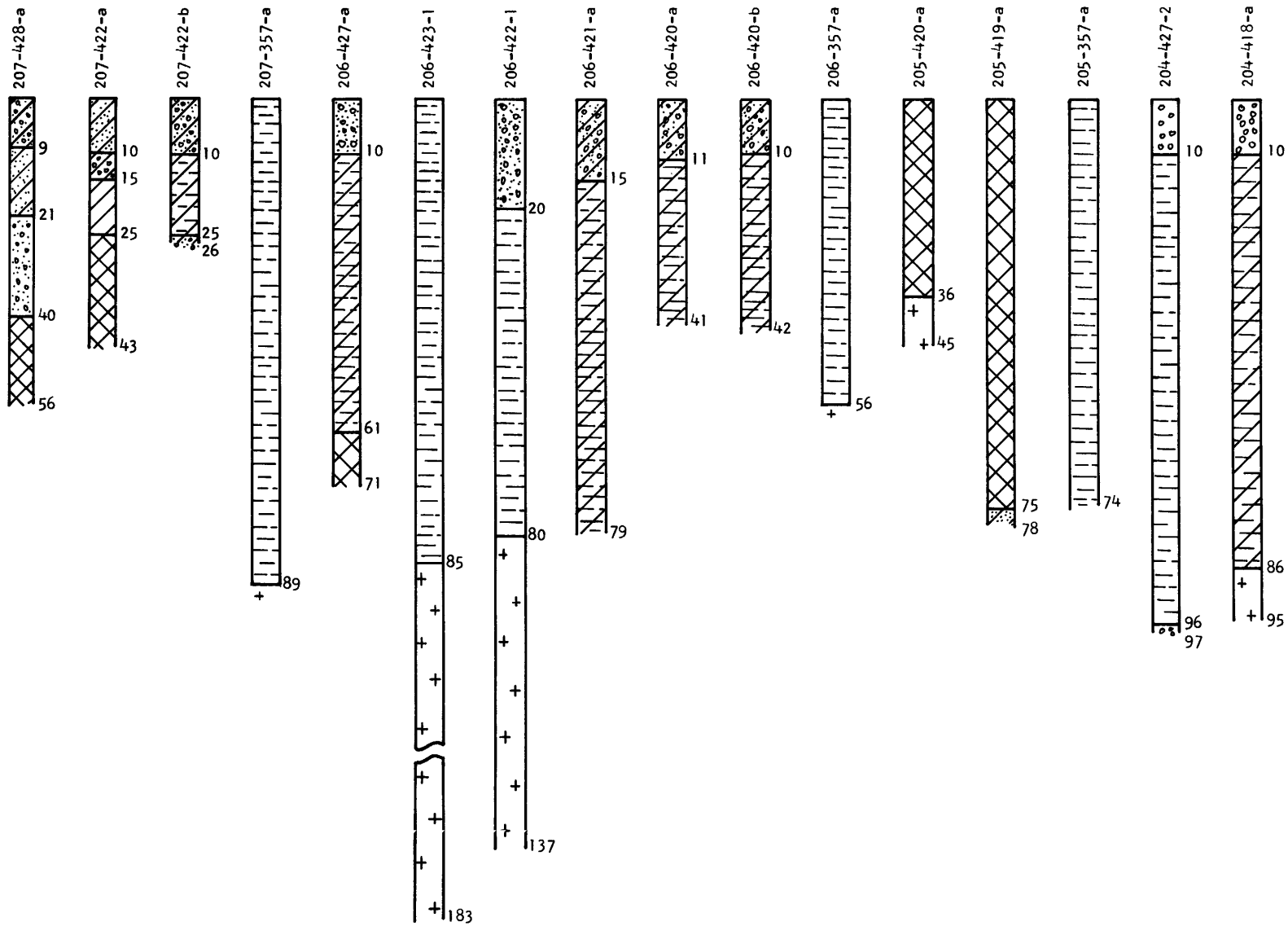

Table 2.--Lithologic logs of wells and test borings (Continued)

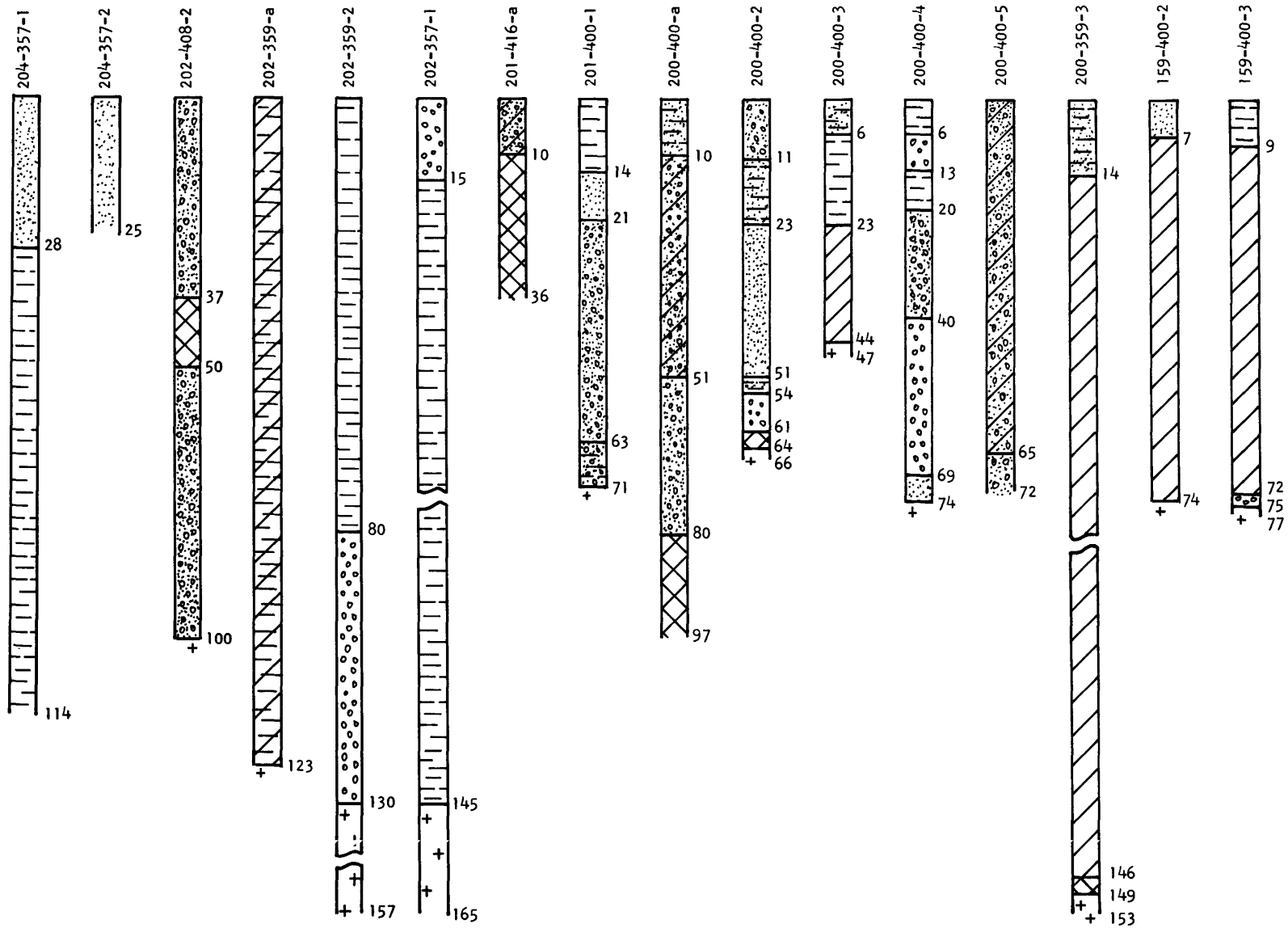

Table 2.--Lithologic logs of wells and test borings (Continued)

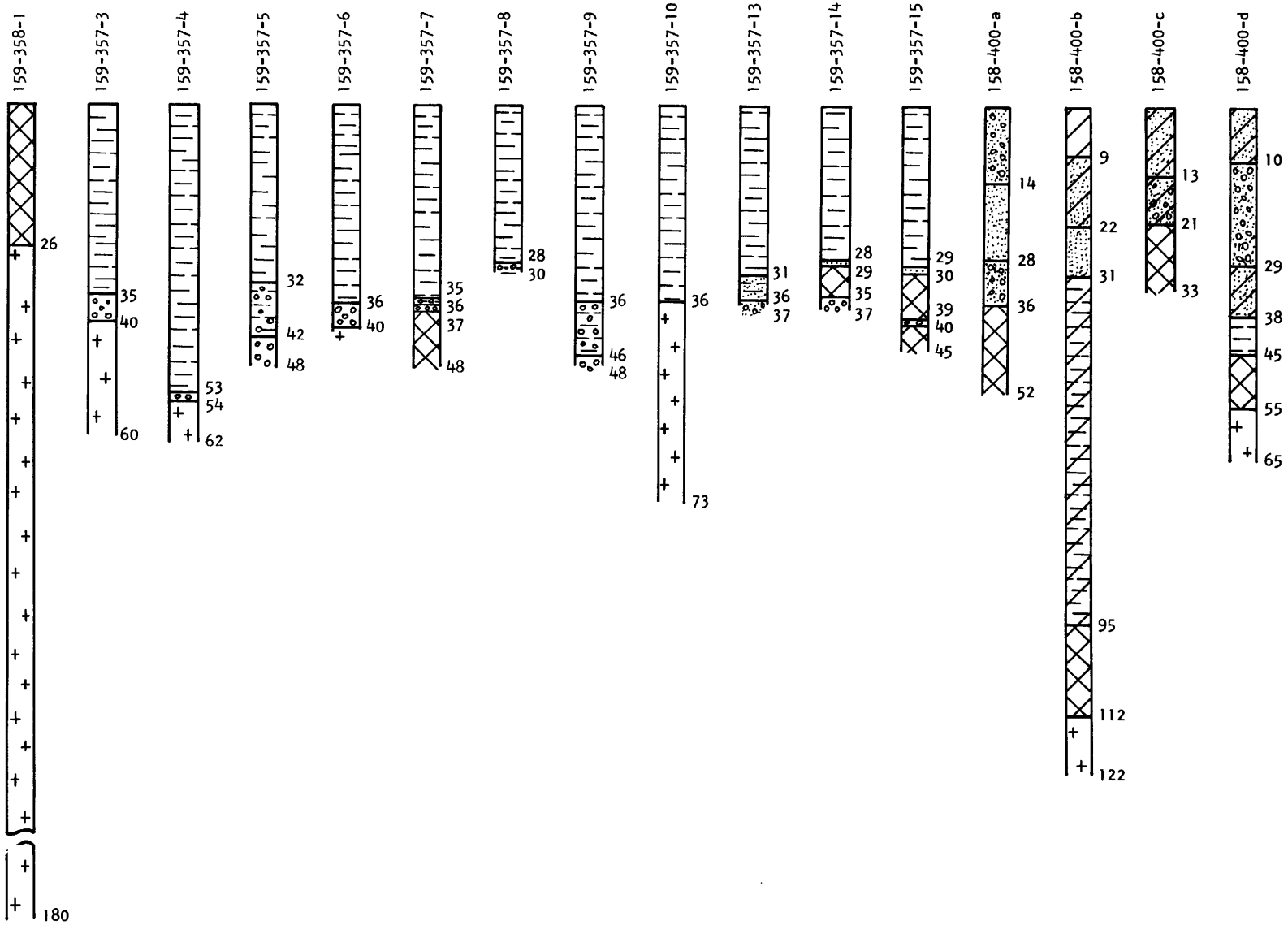

Table 2.--Lithologic logs of wells and test borings (Continued)

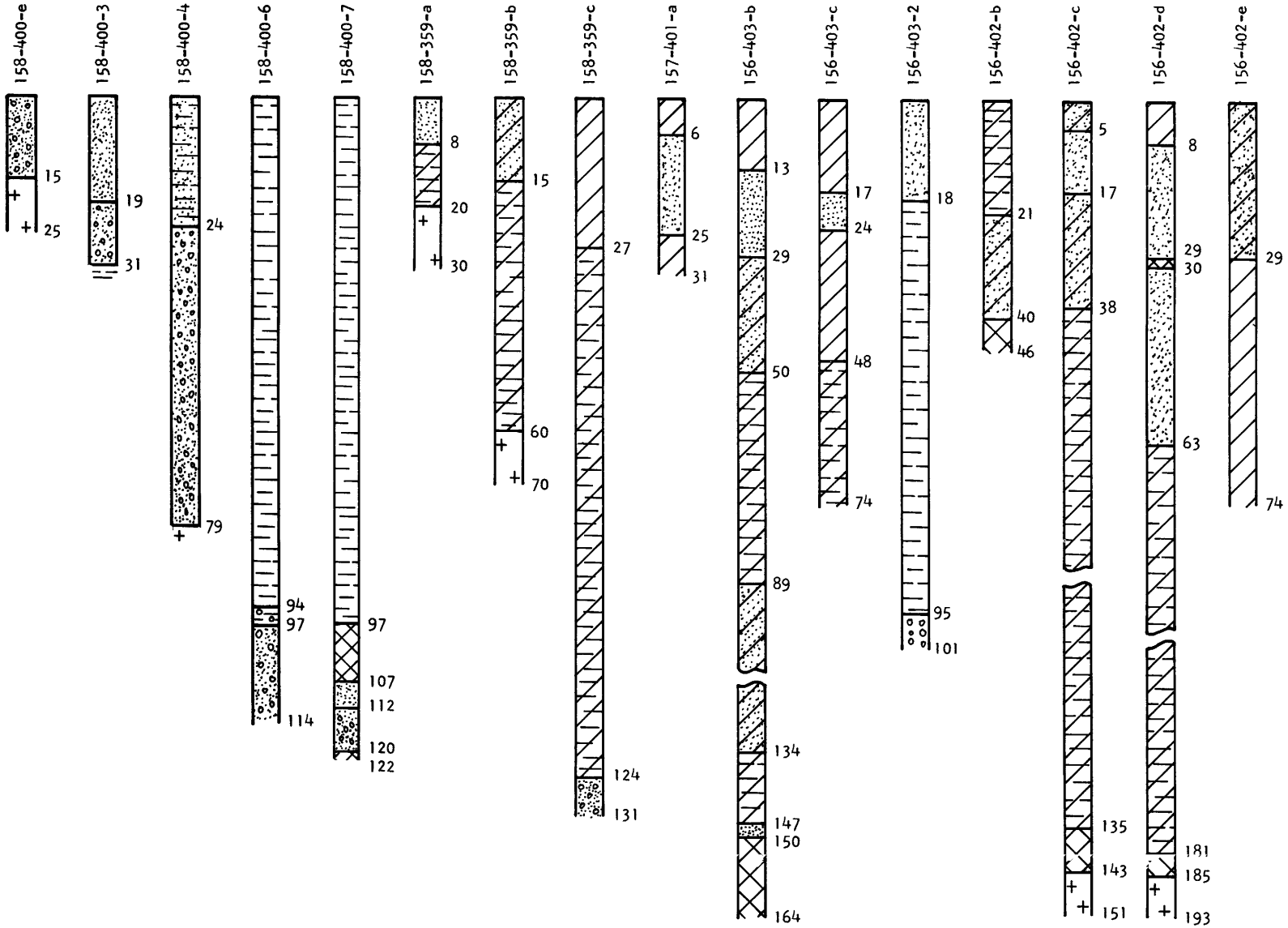

Table 2.--Lithologic logs of wells and test borings (Continued)

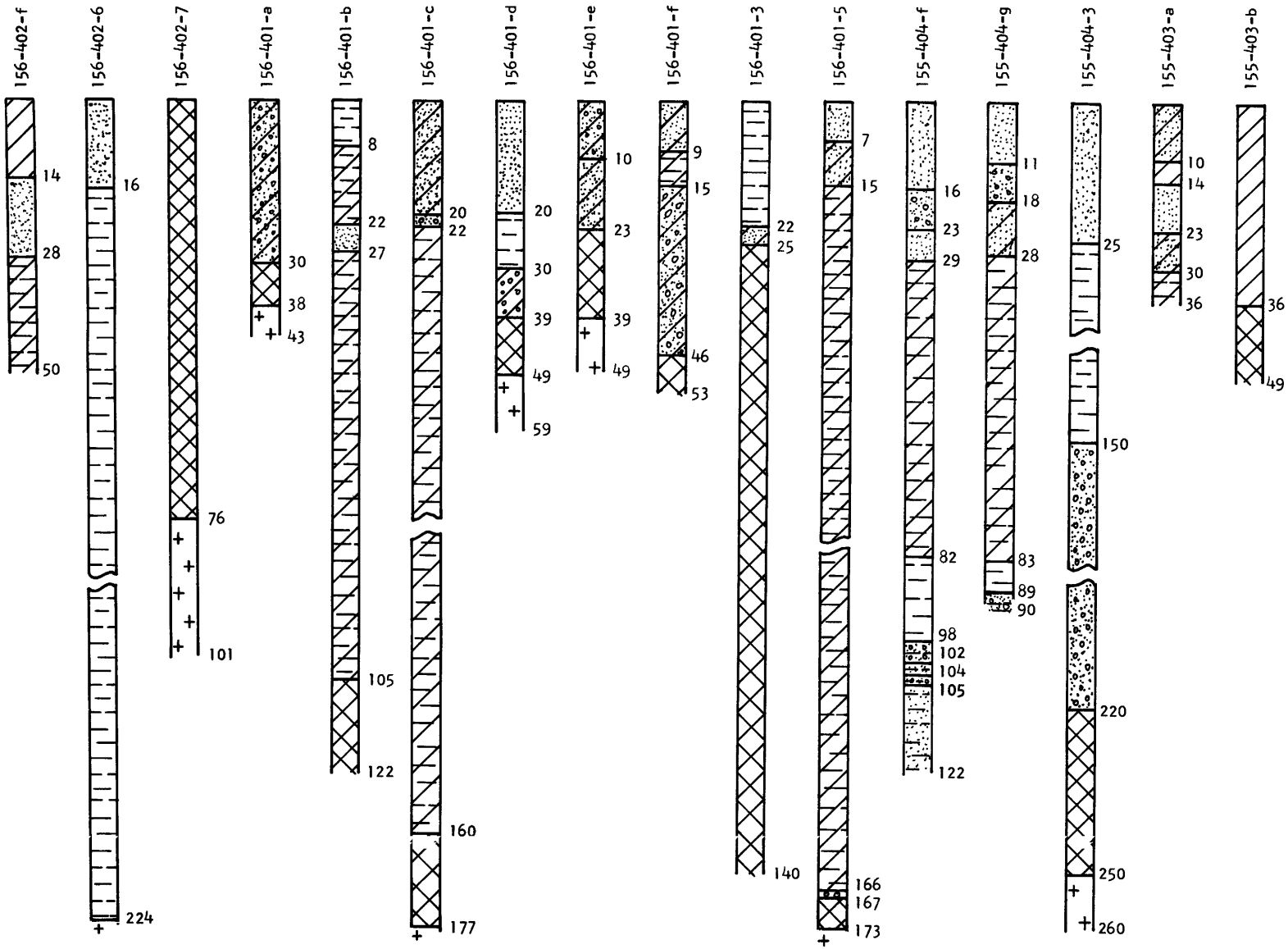

Table 2.--Lithologic logs of wells and test borings (Continued)

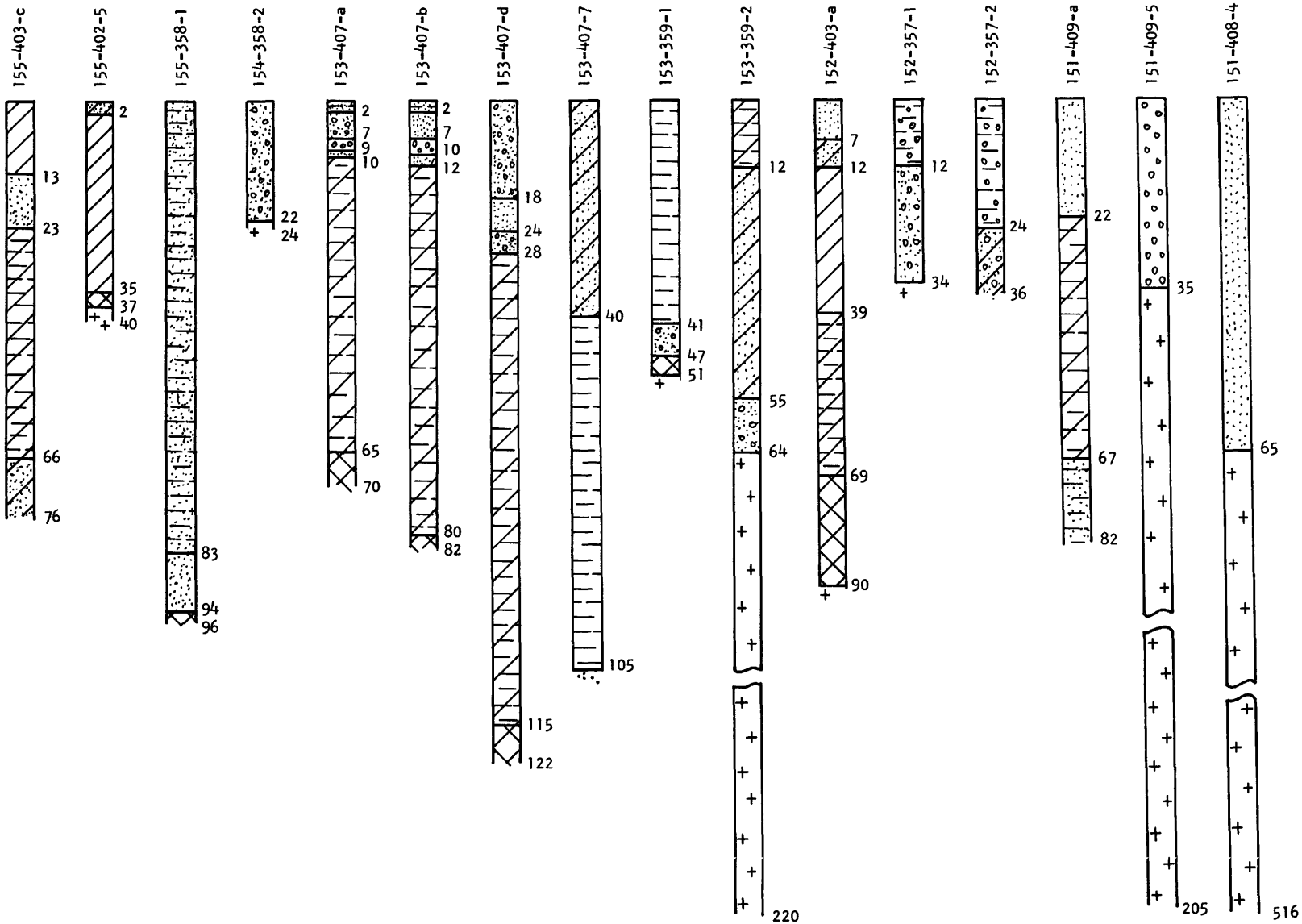

Table 2.--Lithologic logs of wells and test borings (Continued)

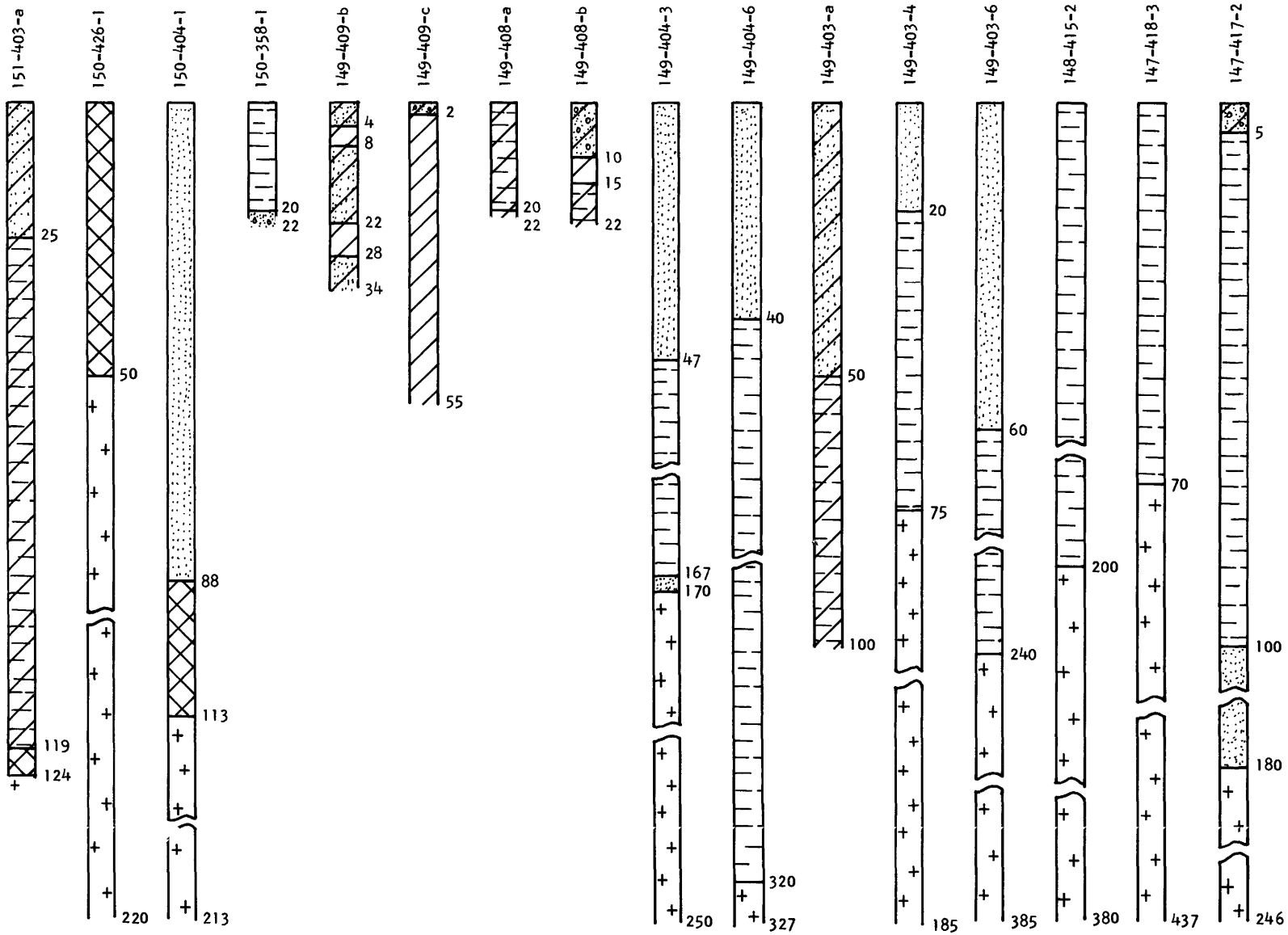

Table 2.--Lithologic logs of wells and test borings (Continued)

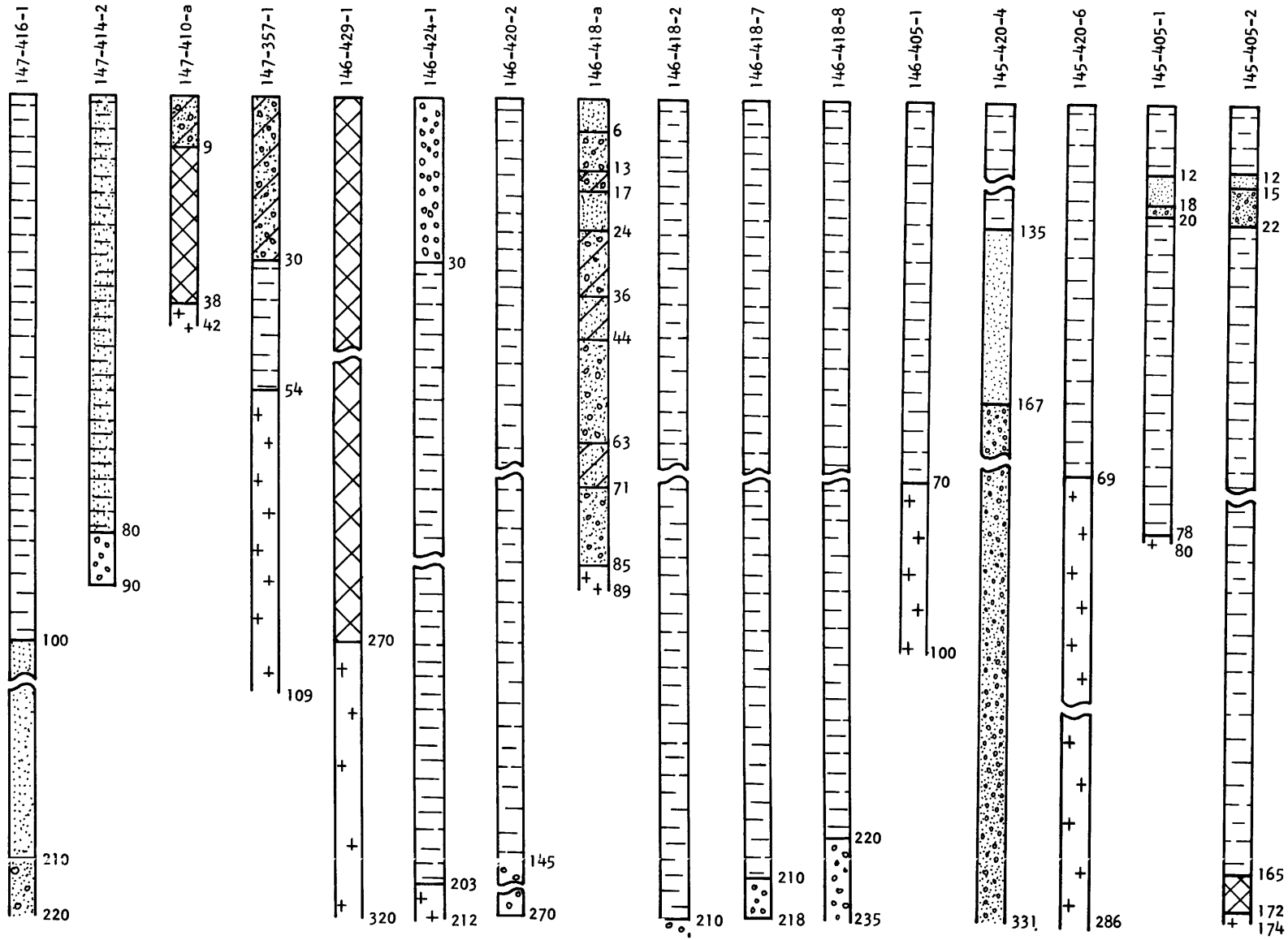

Table 2.--Lithologic logs of wells and test borings (Continued)

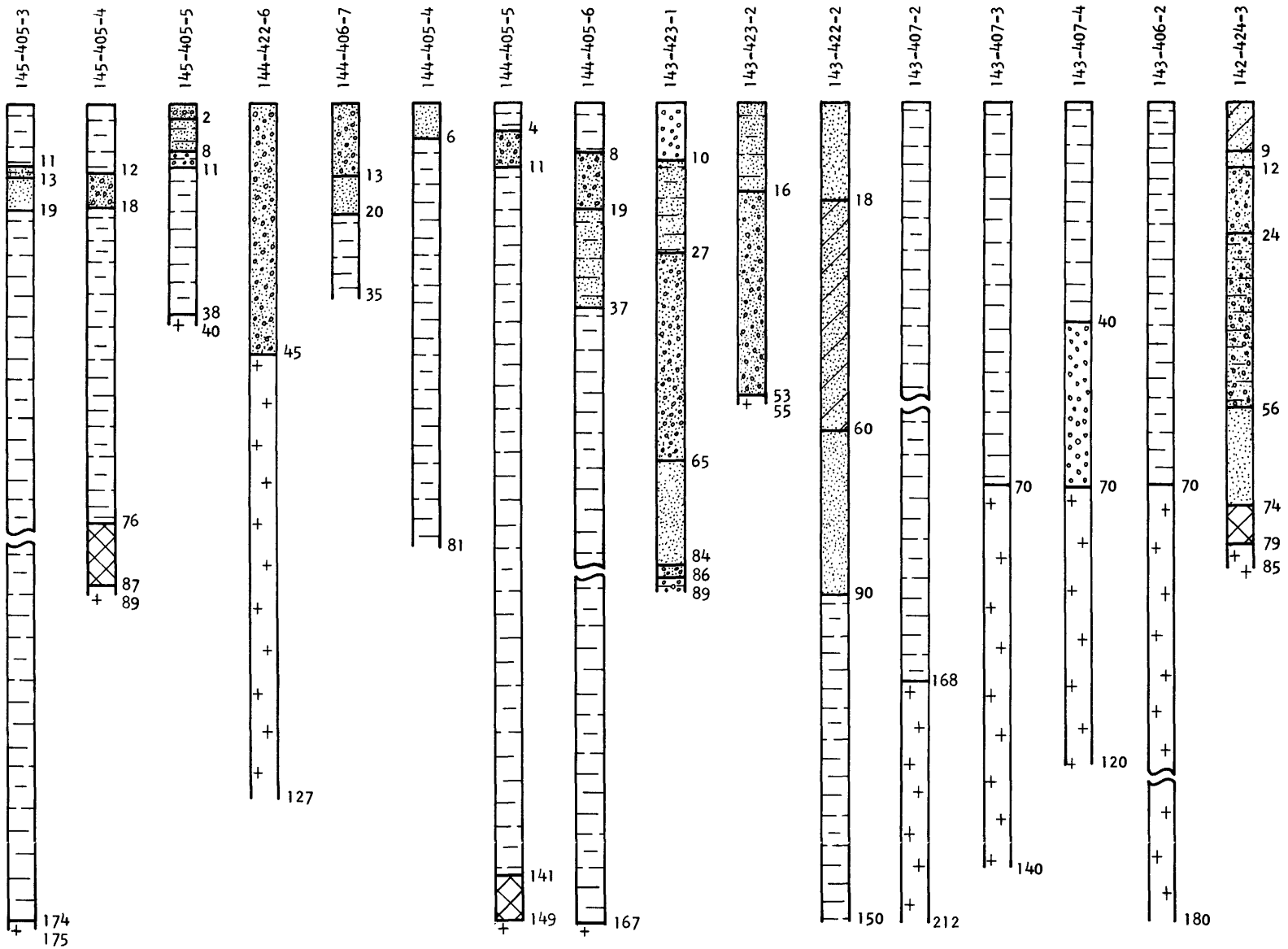

Table 2.--Lithologic logs of wells and test borings (Continued)

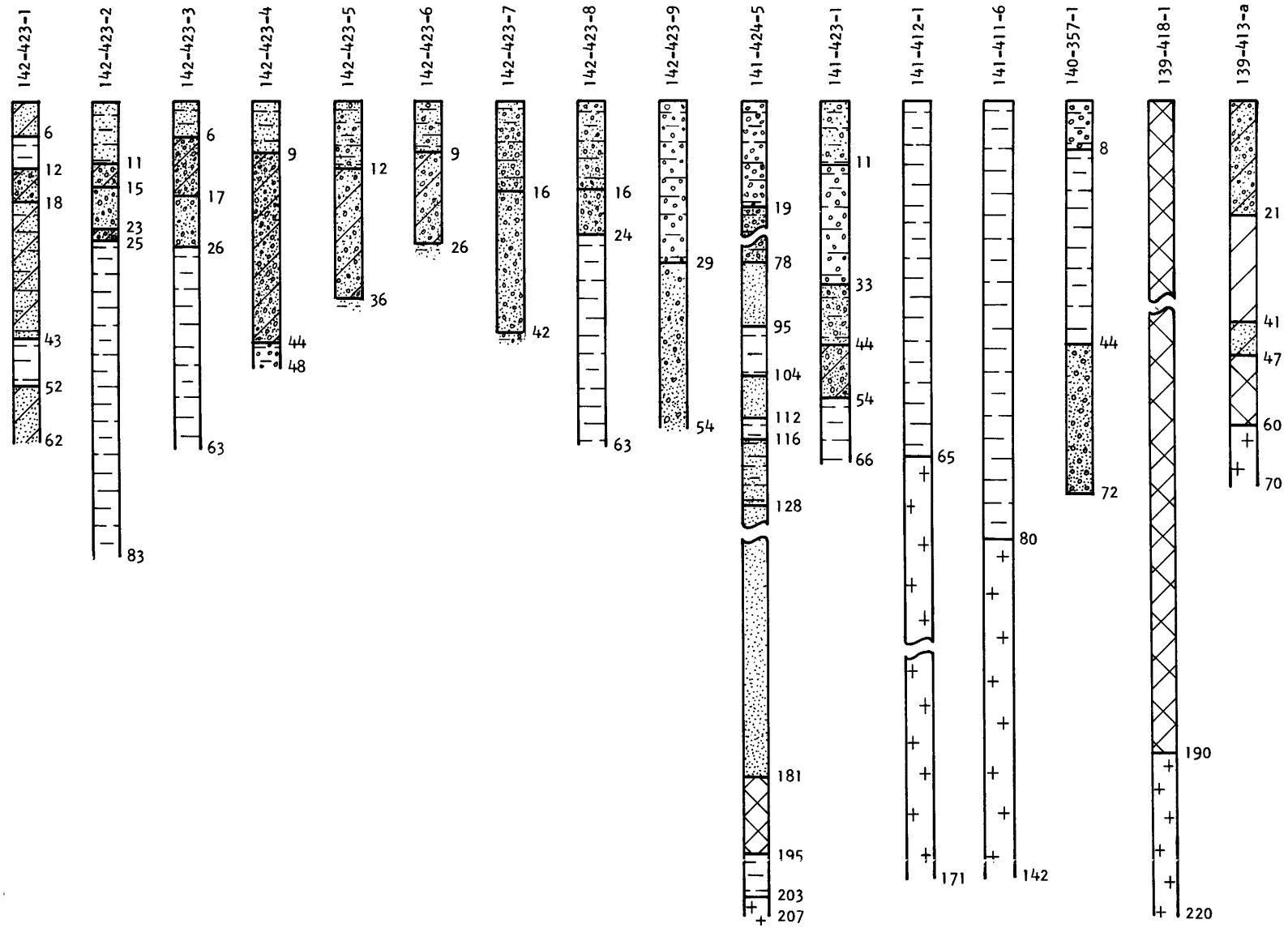

Table 2.--Lithologic logs of wells and test borings (Continued)

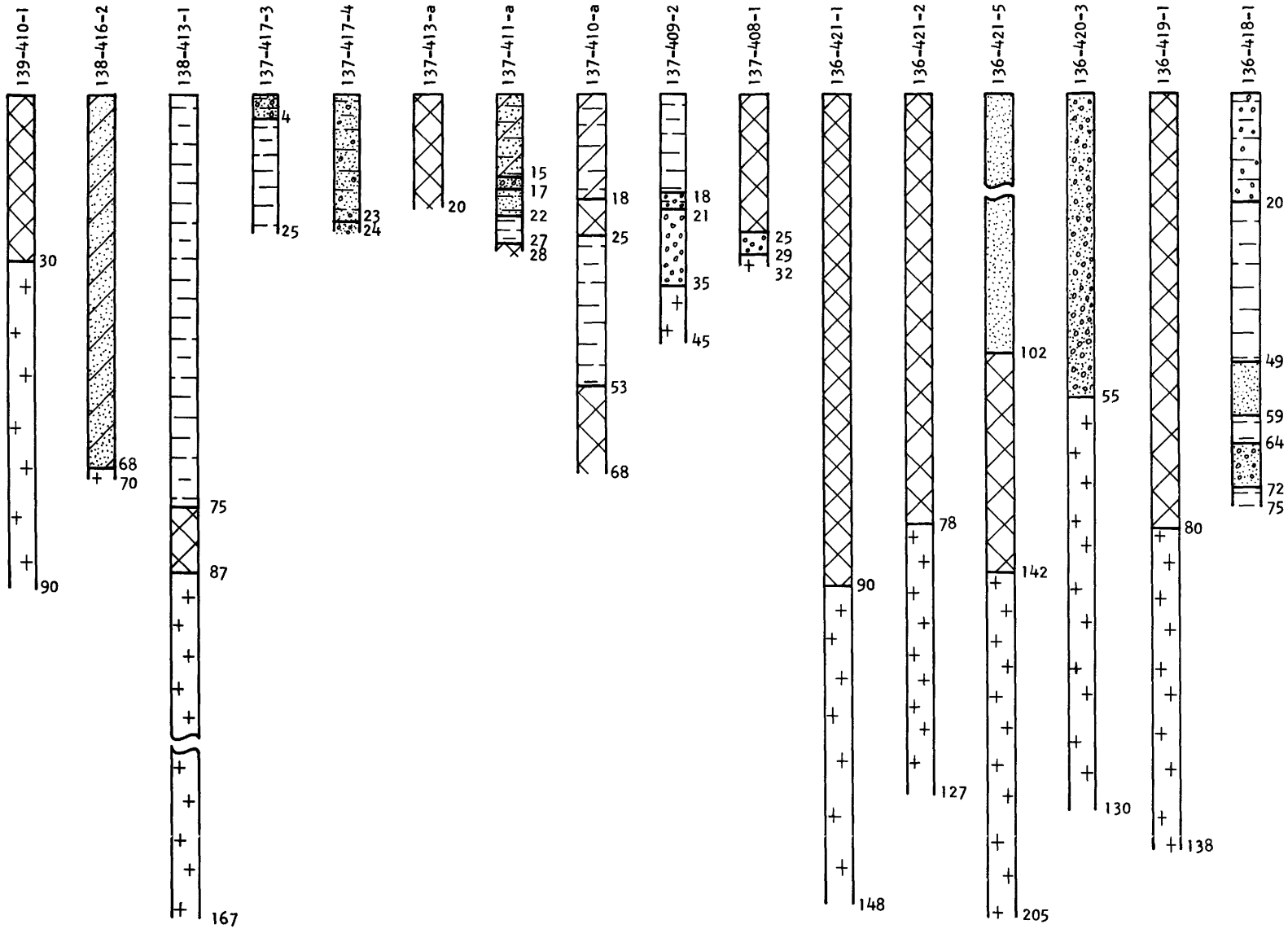

Table 2.--Lithologic logs of wells and test borings (Continued)

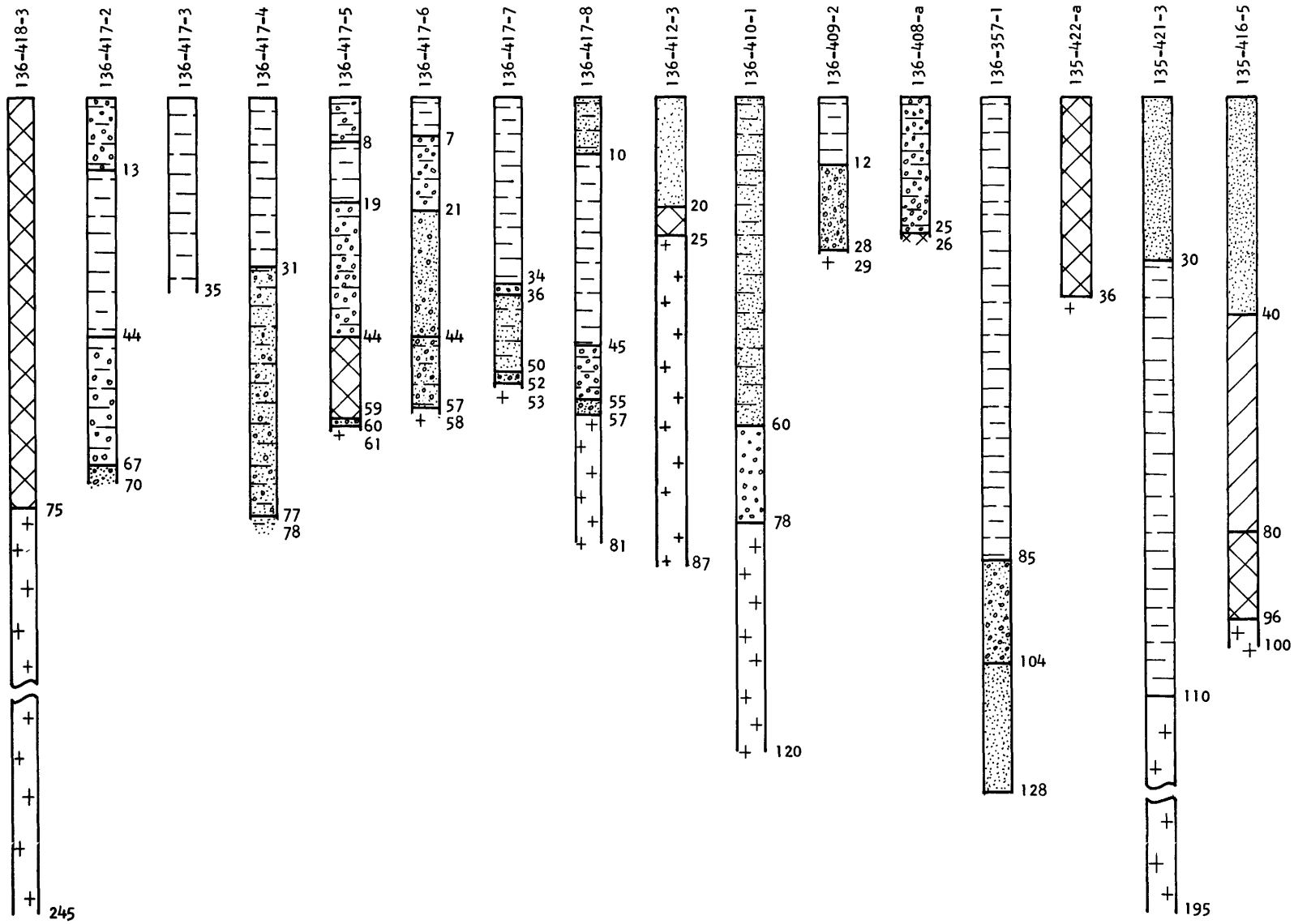

Table 2.--Lithologic logs of wells and test borings (Continued)

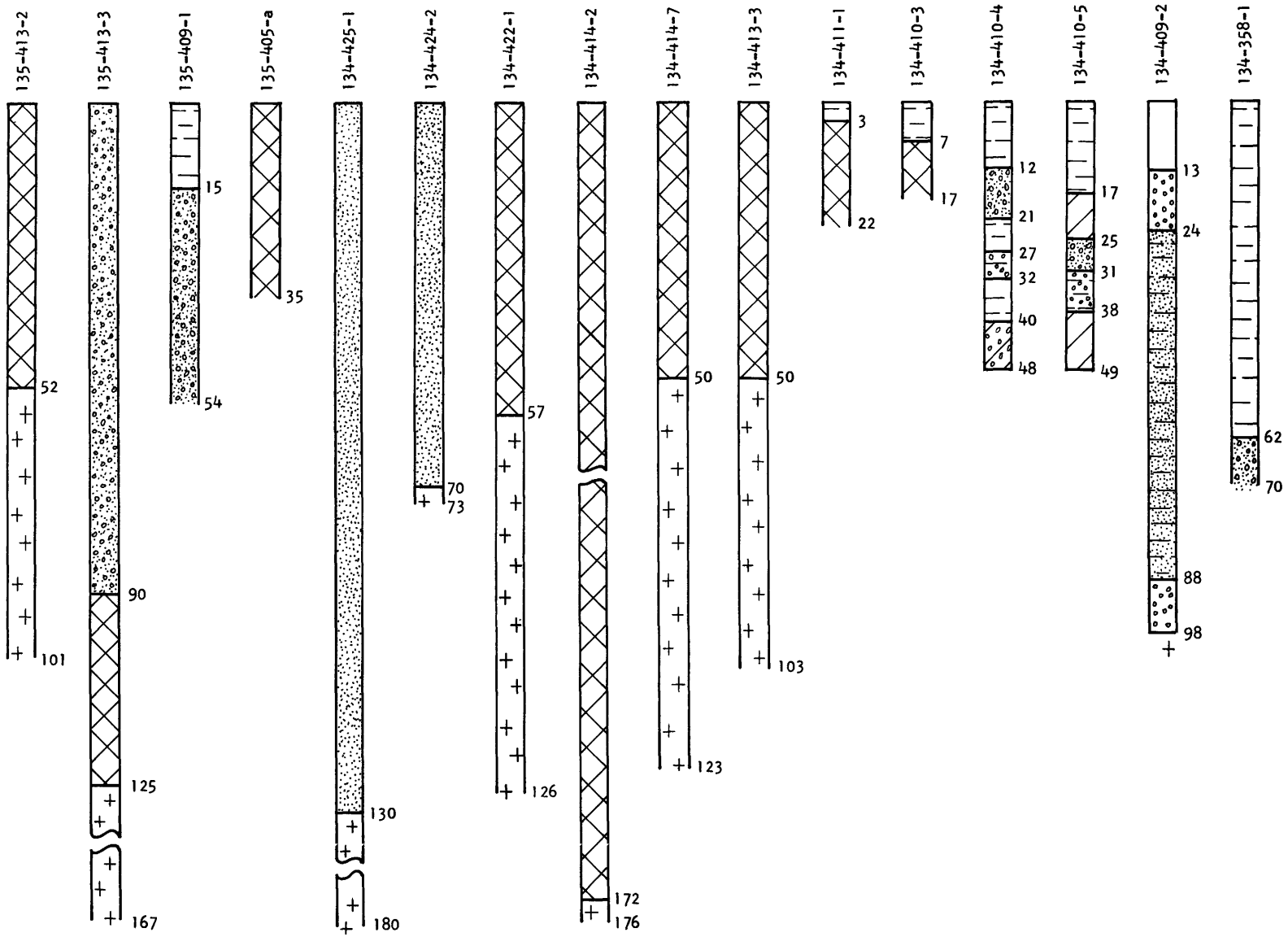

Table 2.--Lithologic logs of wells and test borings (Continued)

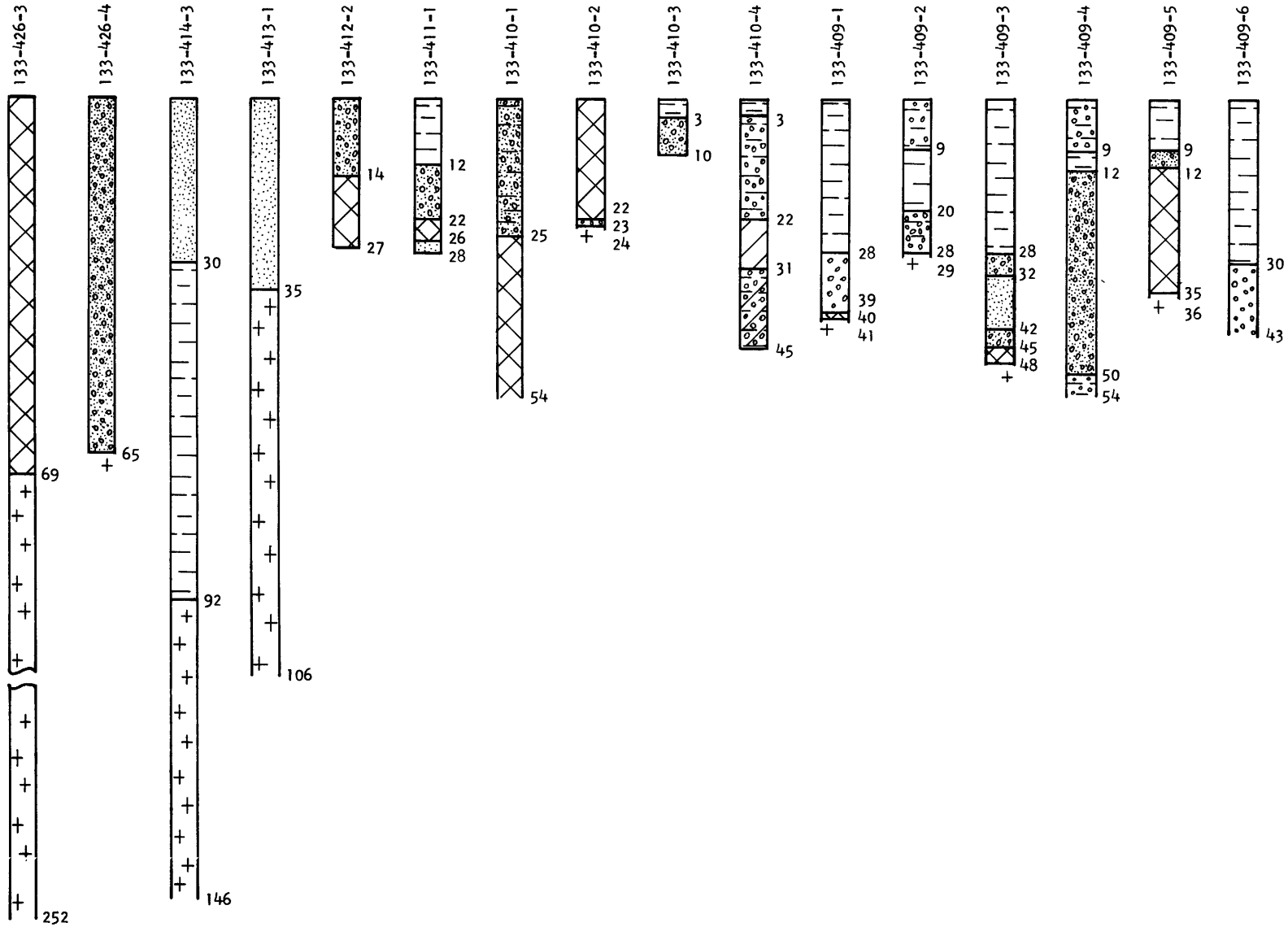

Table 2.--Lithologic logs of wells and test borings (Continued)

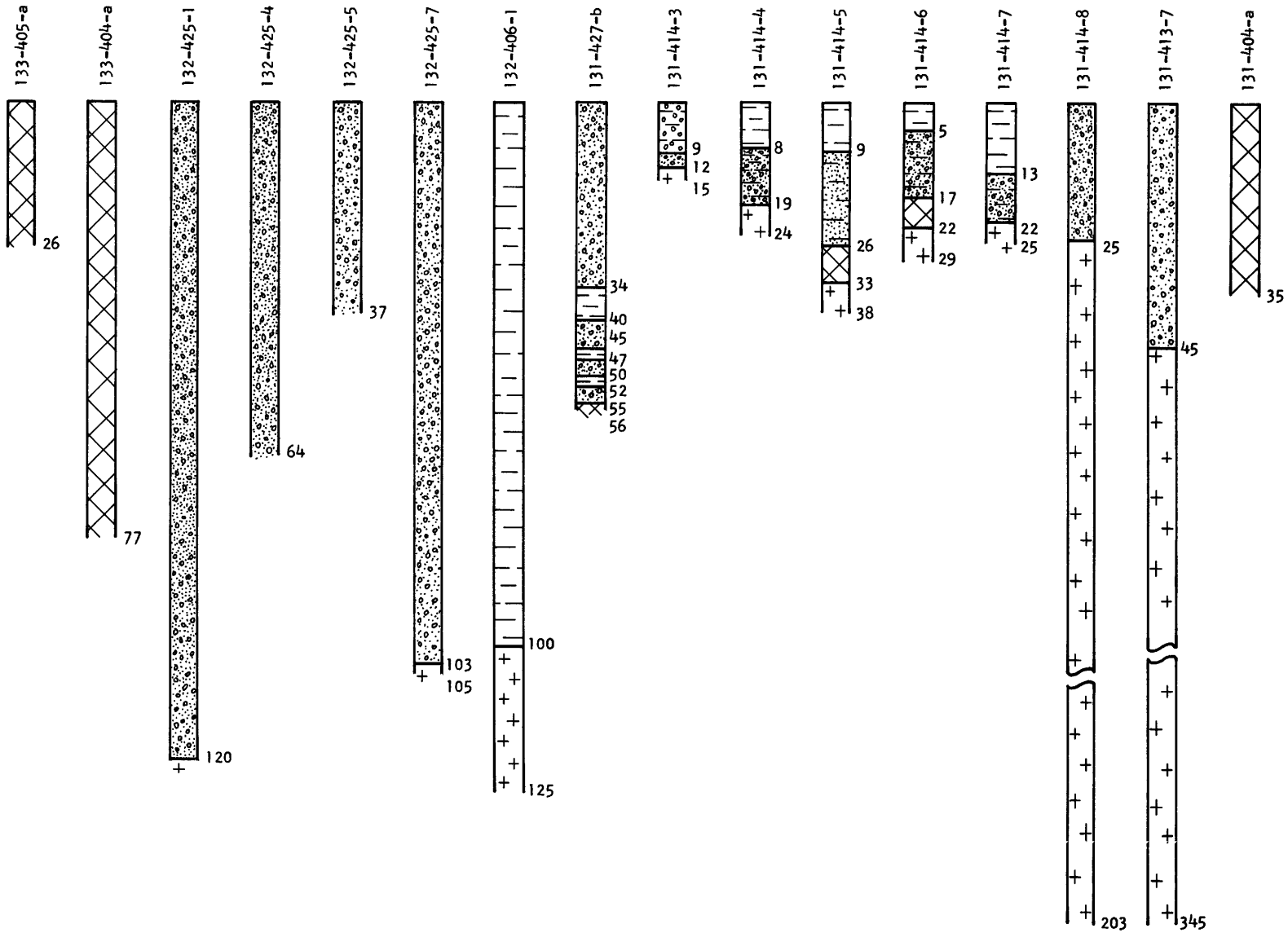

Table 2.--Lithologic logs of wells and test borings (Continued)

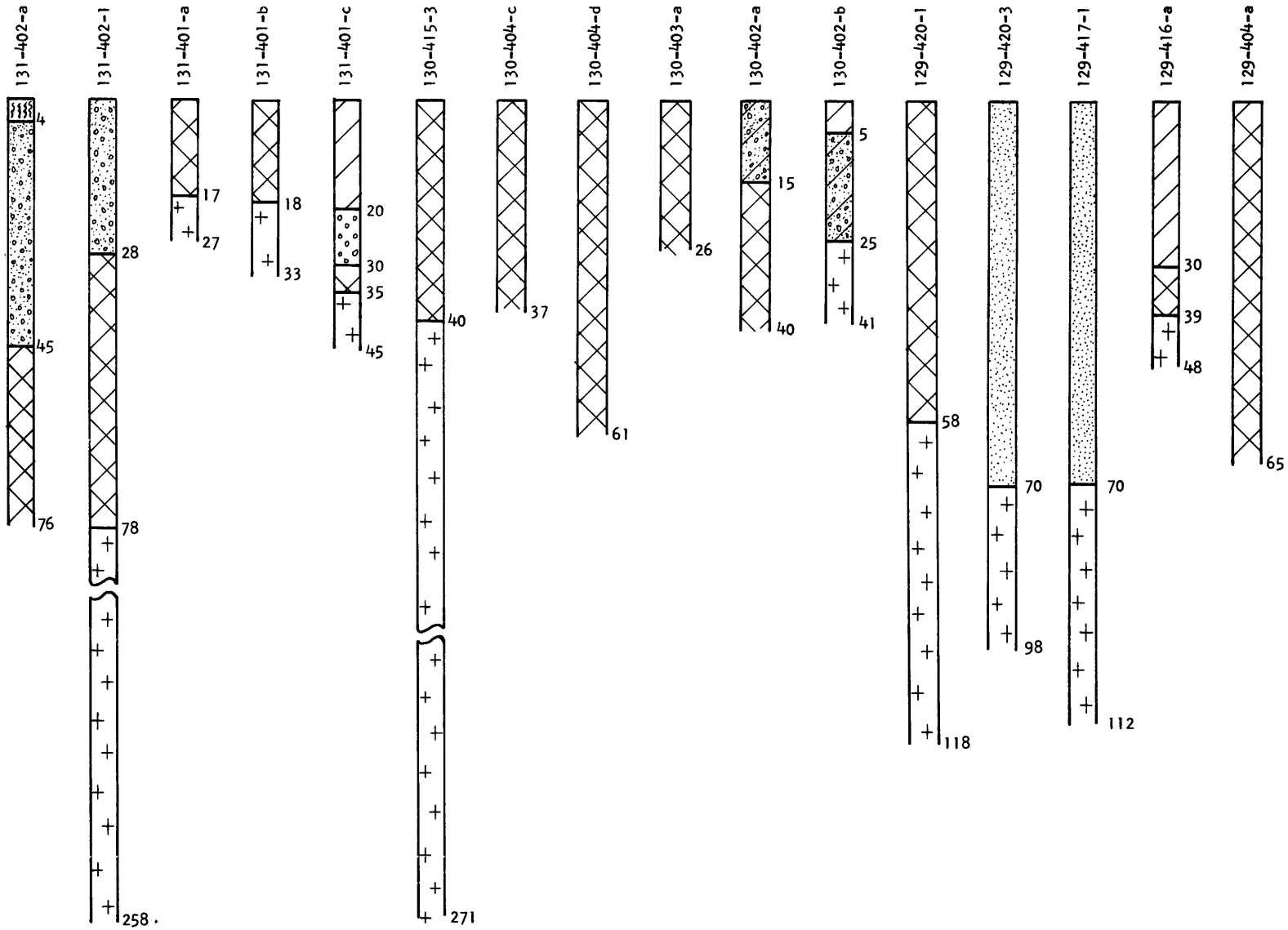

Table 2.--Lithologic logs of wells and test borings (Continued)

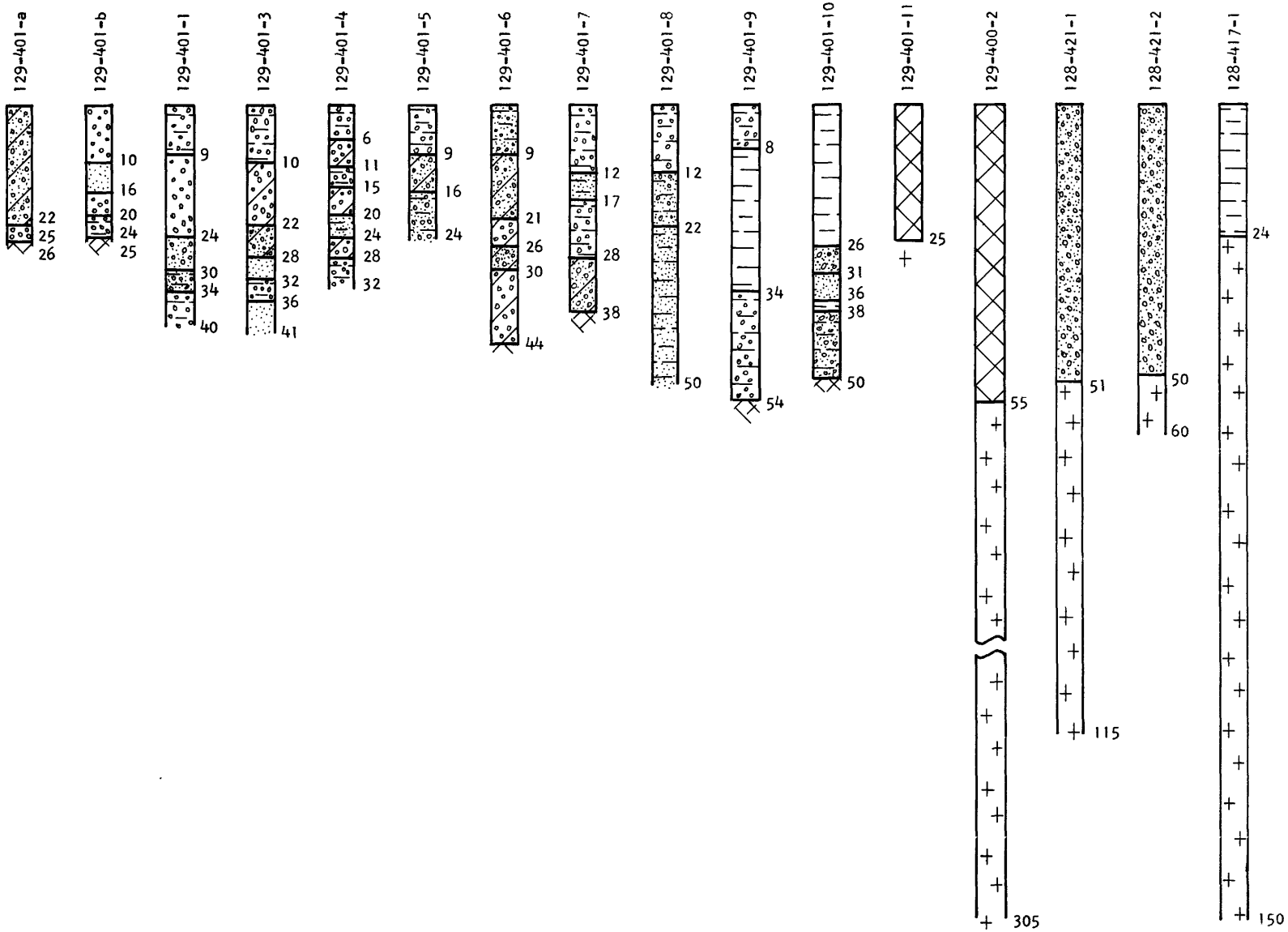

Table 2.--Lithologic logs of wells and test borings (Continued)

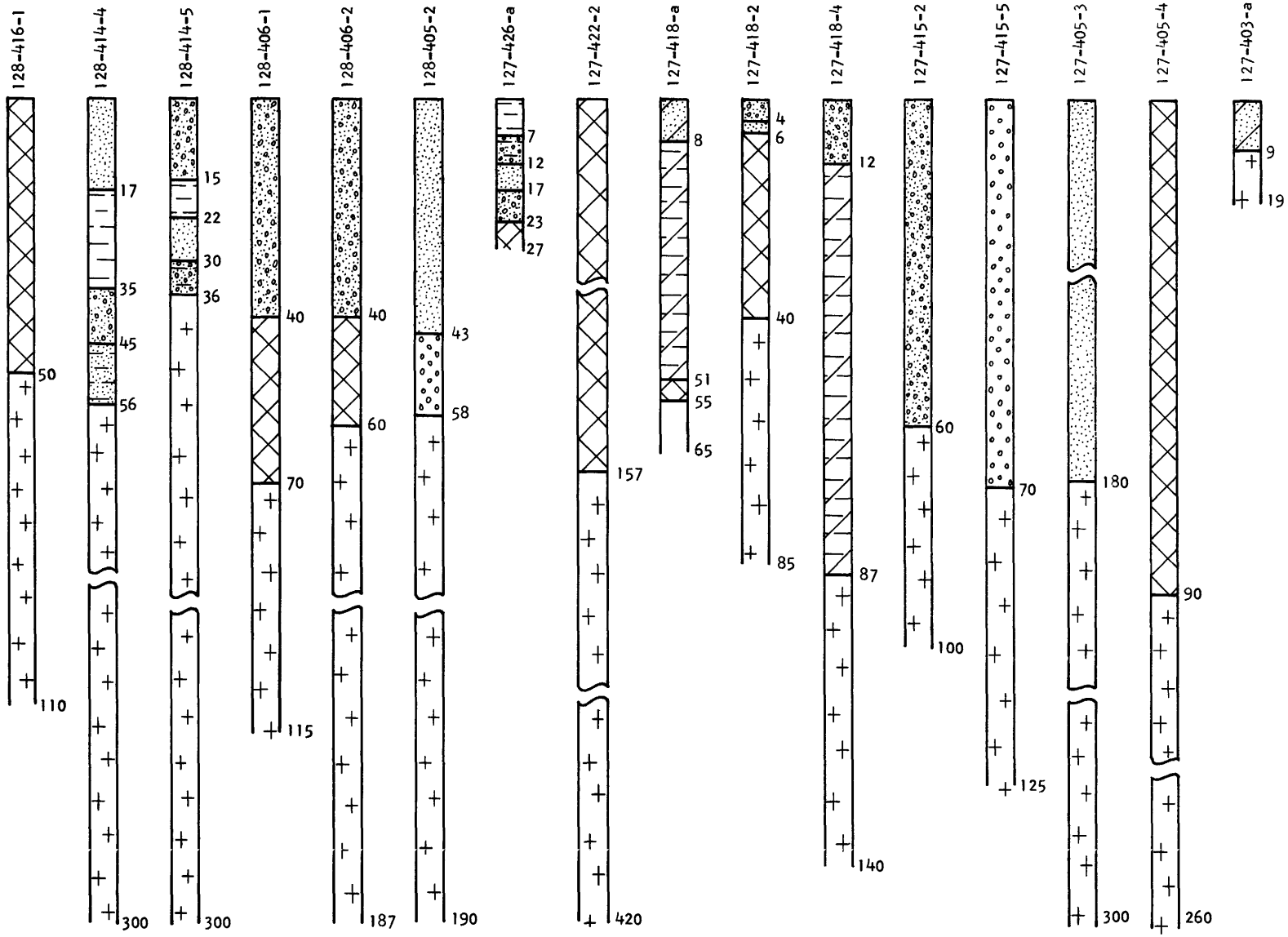

Table 2.--Lithologic logs of wells and test borings (Continued)

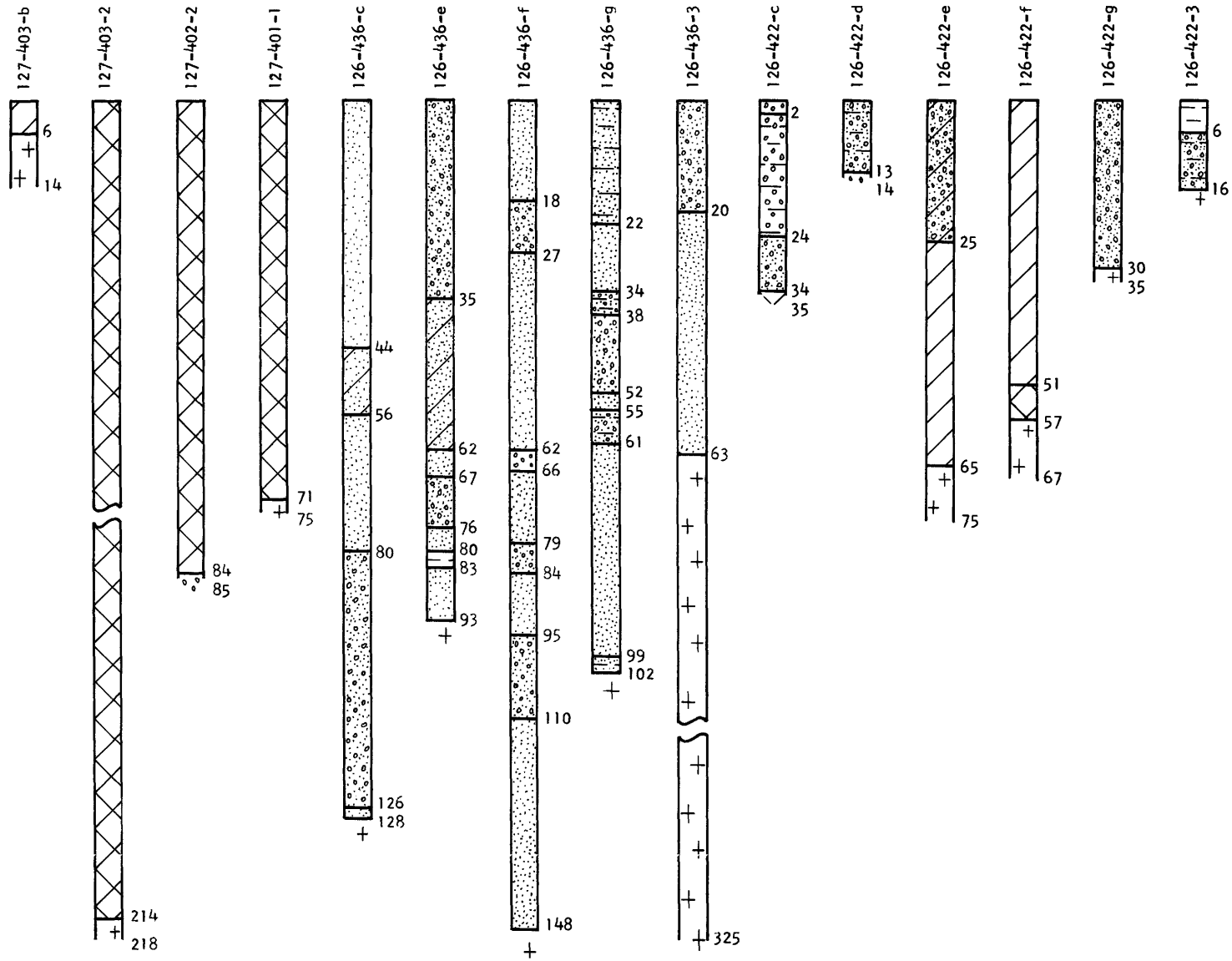

Table 2.--Lithologic logs of wells and test borings (Continued)

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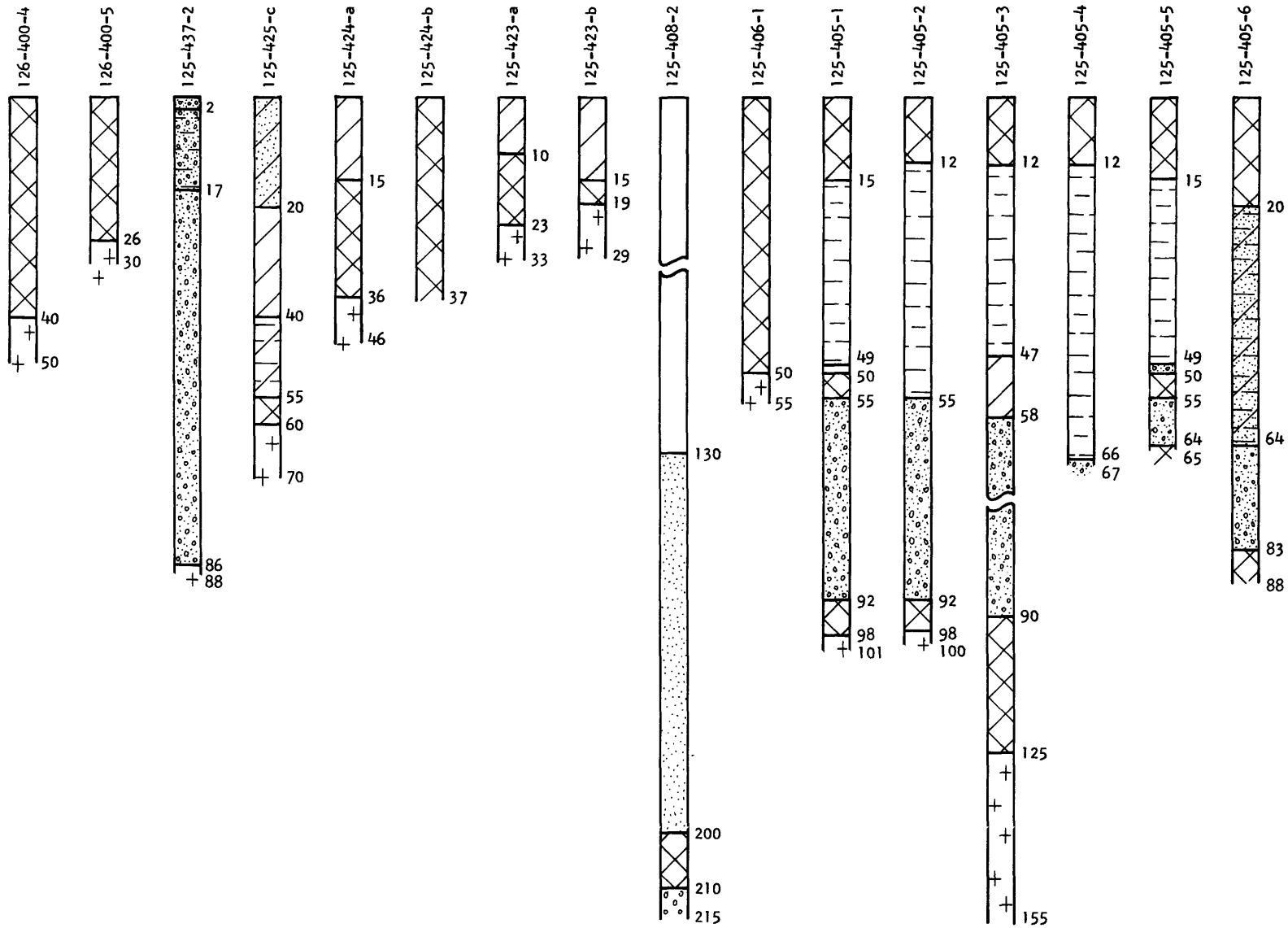

Table 2.--Lithologic logs of wells and test borings (Continued)

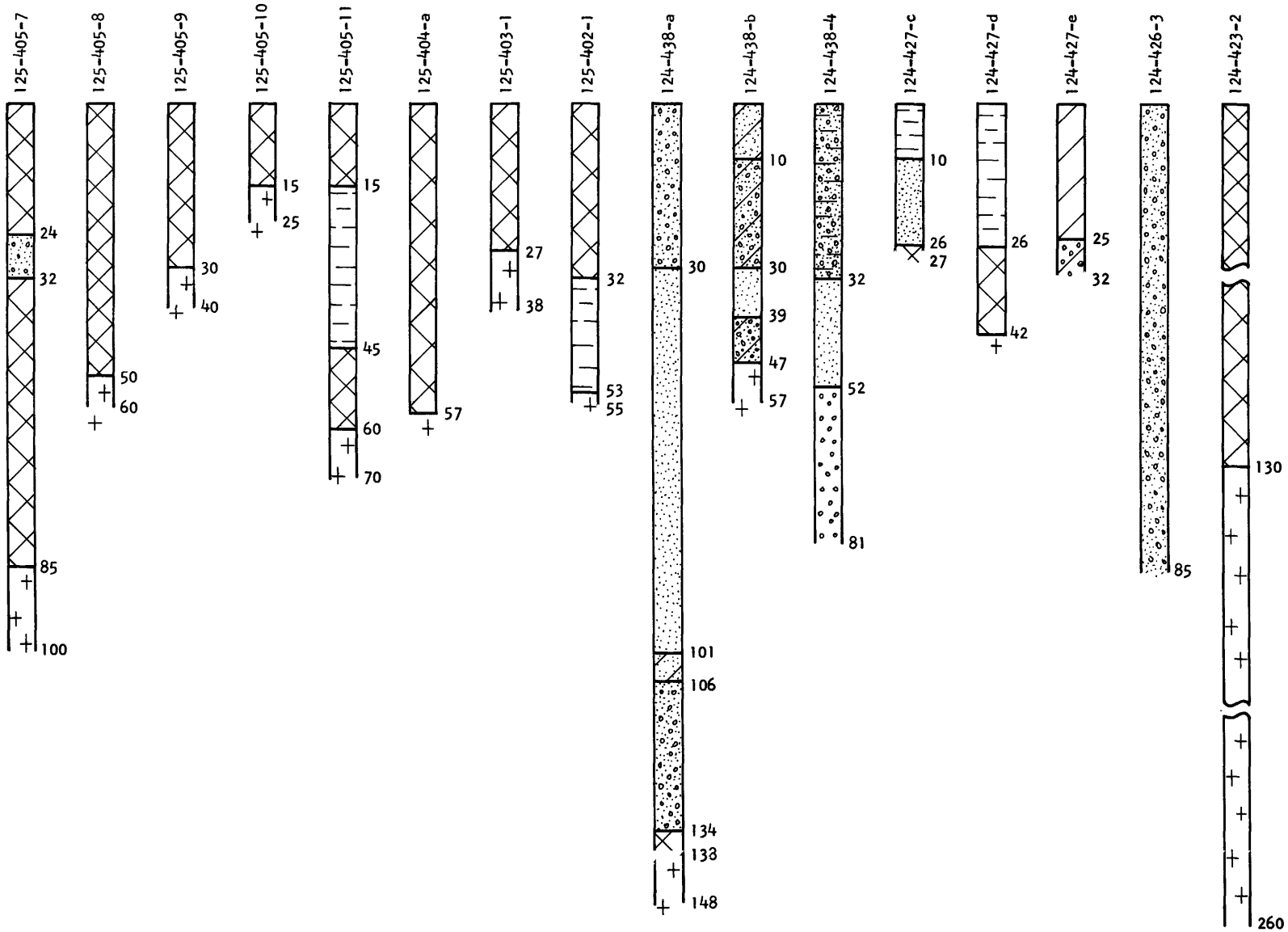

Table 2.--Lithologic logs of wells and test borings (Continued)

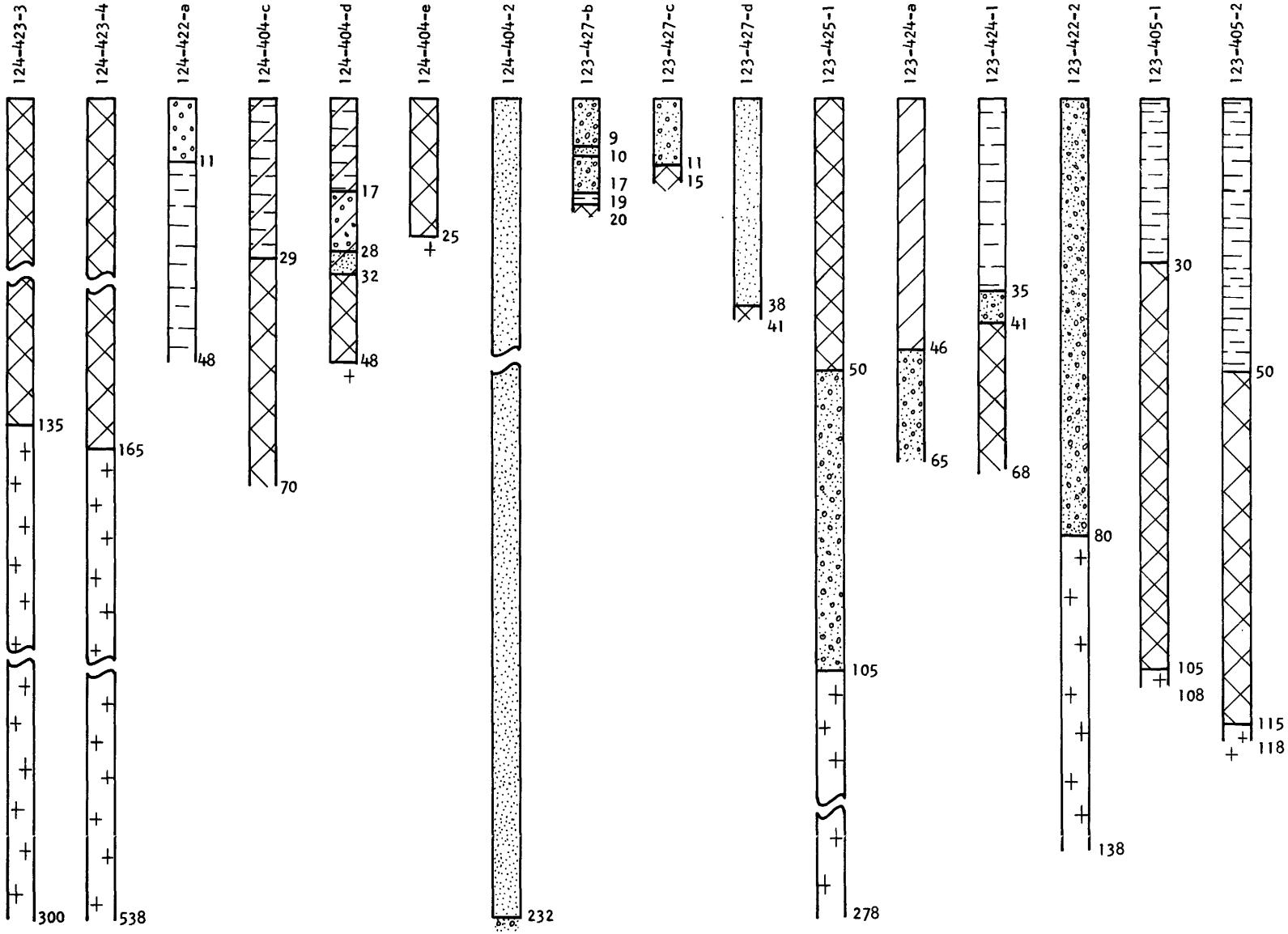

Table 2.--Lithologic logs of wells and test borings (Continued)

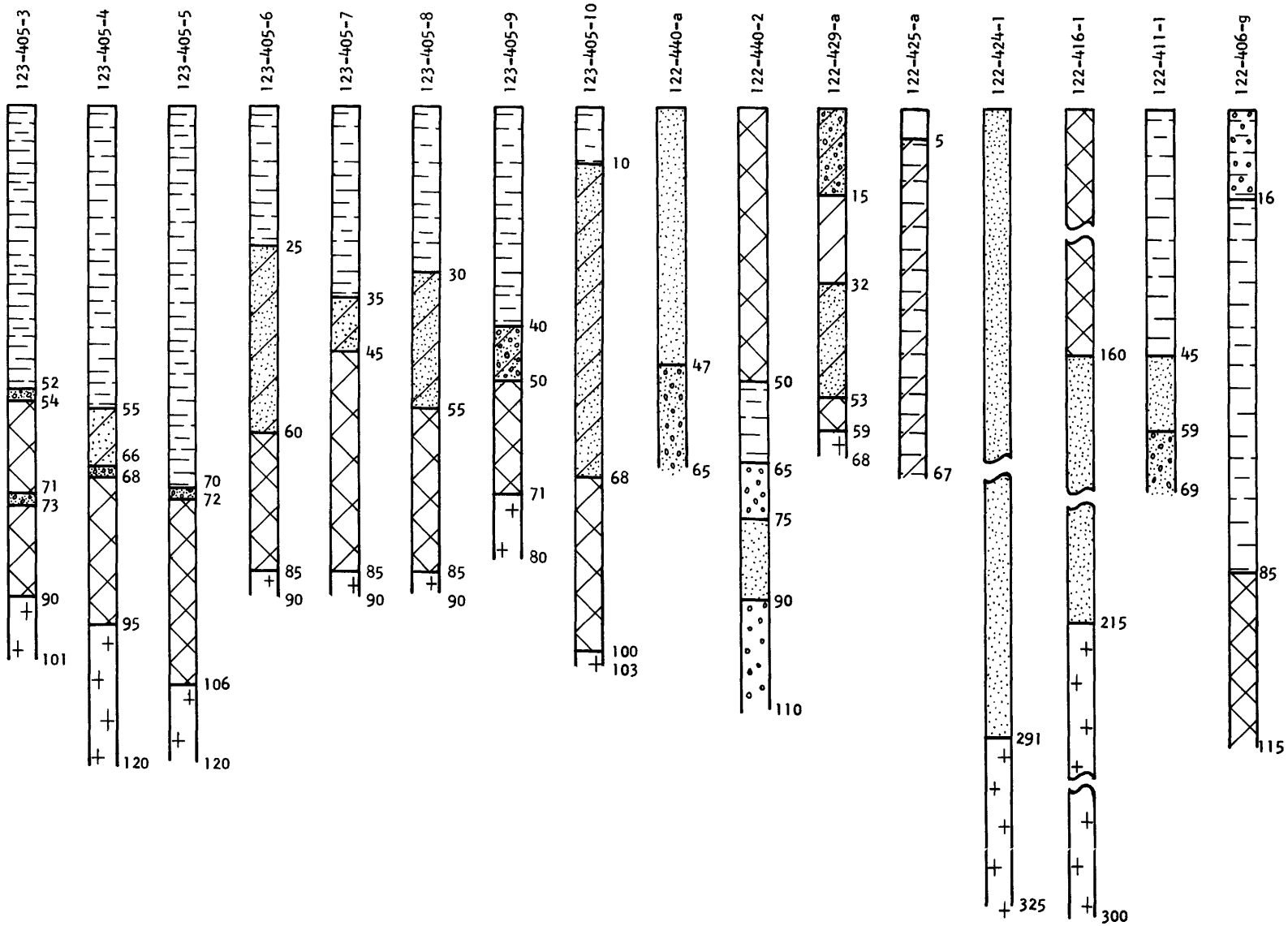

Table 2.--Lithologic logs of wells and test borings (Continued)

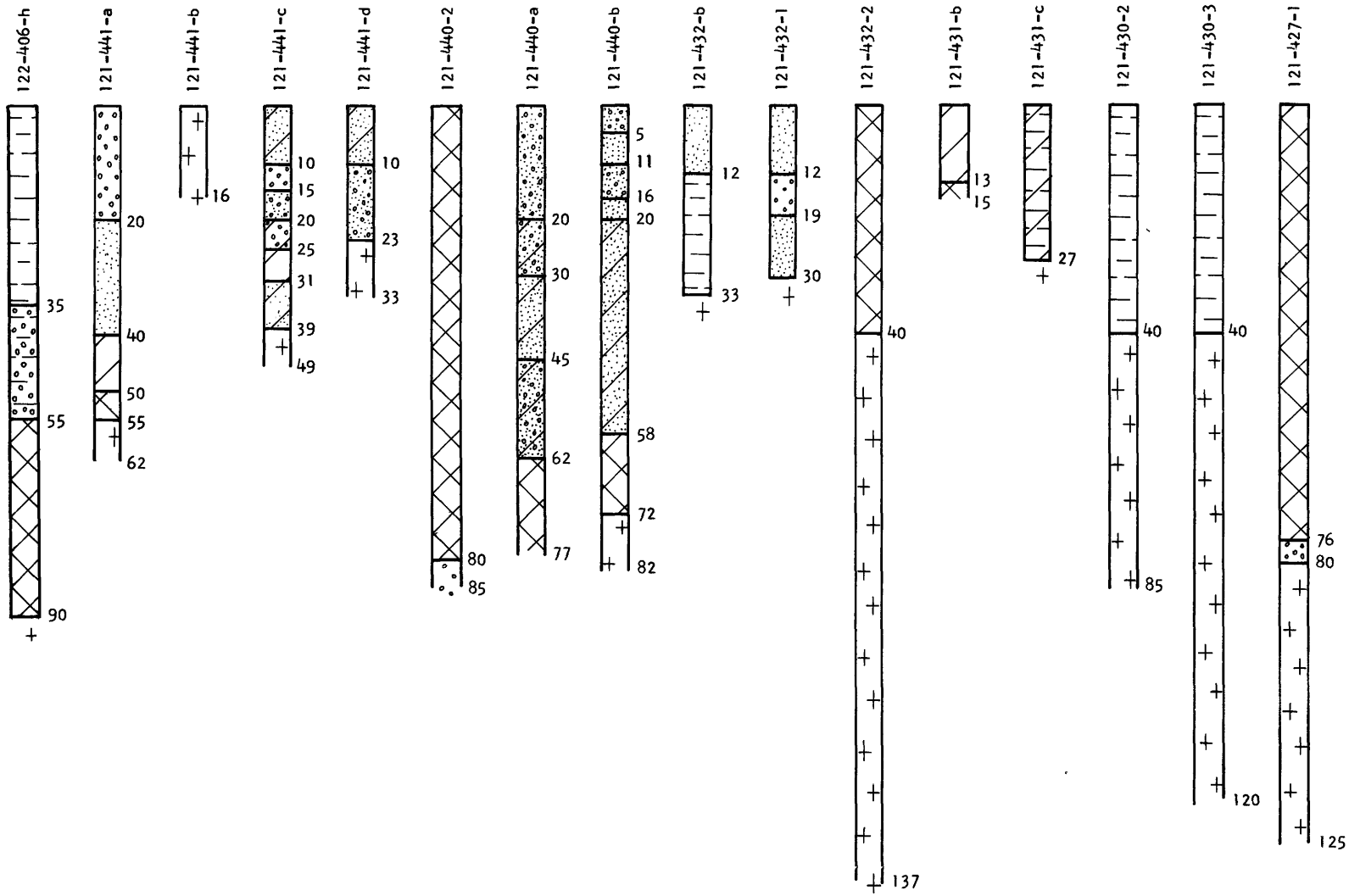

Table 2.--Lithologic logs of wells and test borings (Continued)

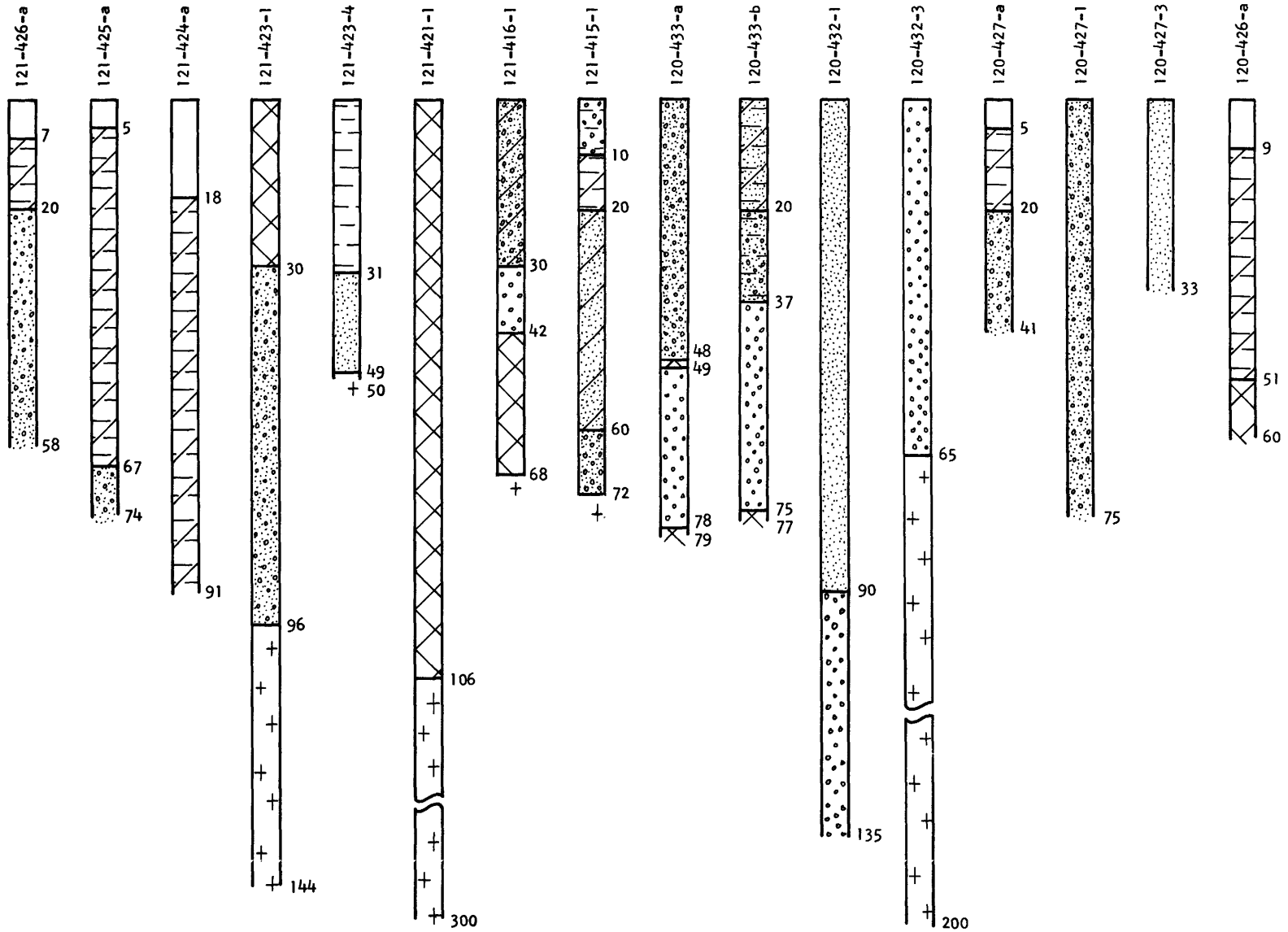

Table 2.--Lithologic logs of wells and test borings (Continued)

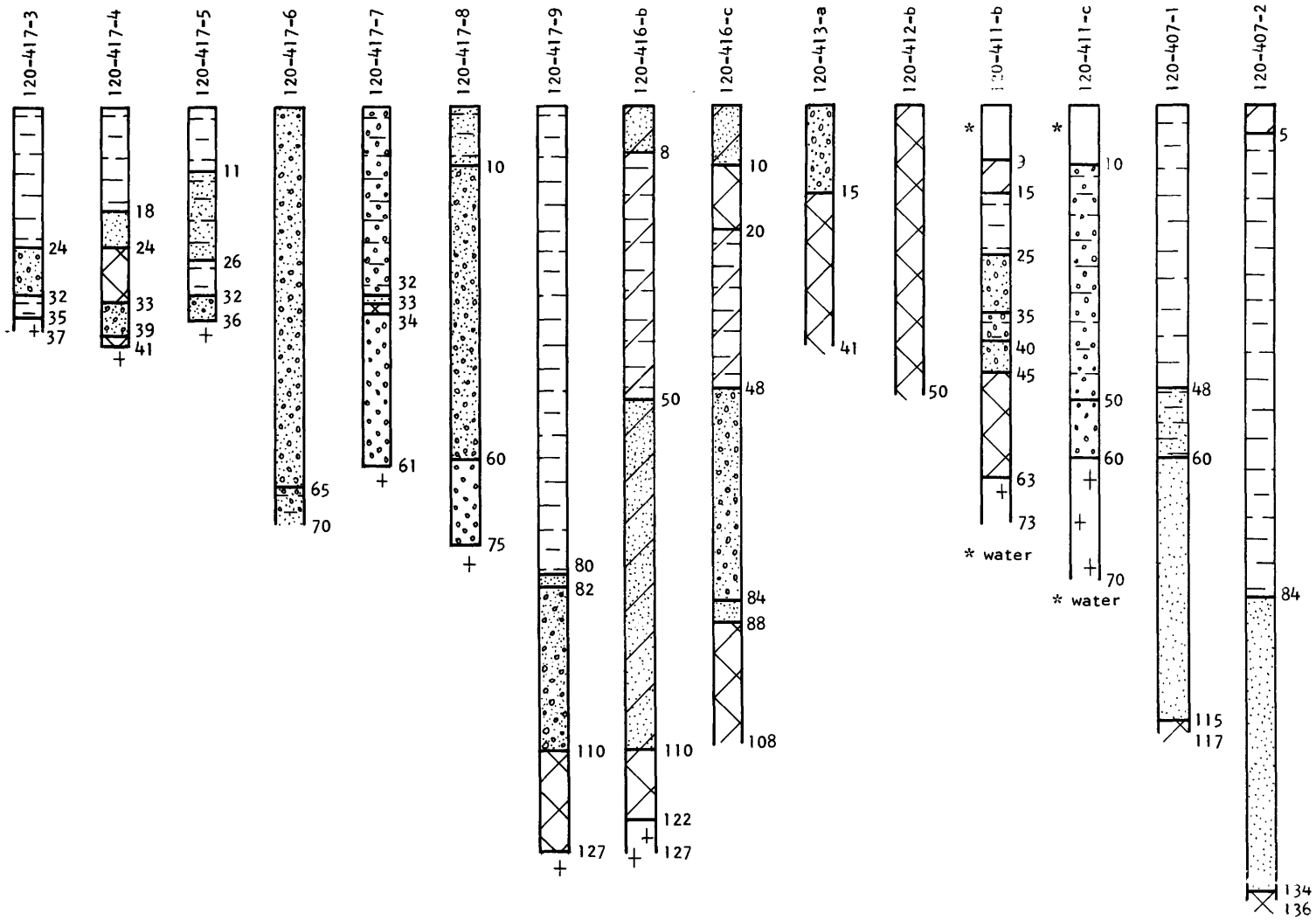

Table 2.--Lithologic logs of wells and test borings (Continued)

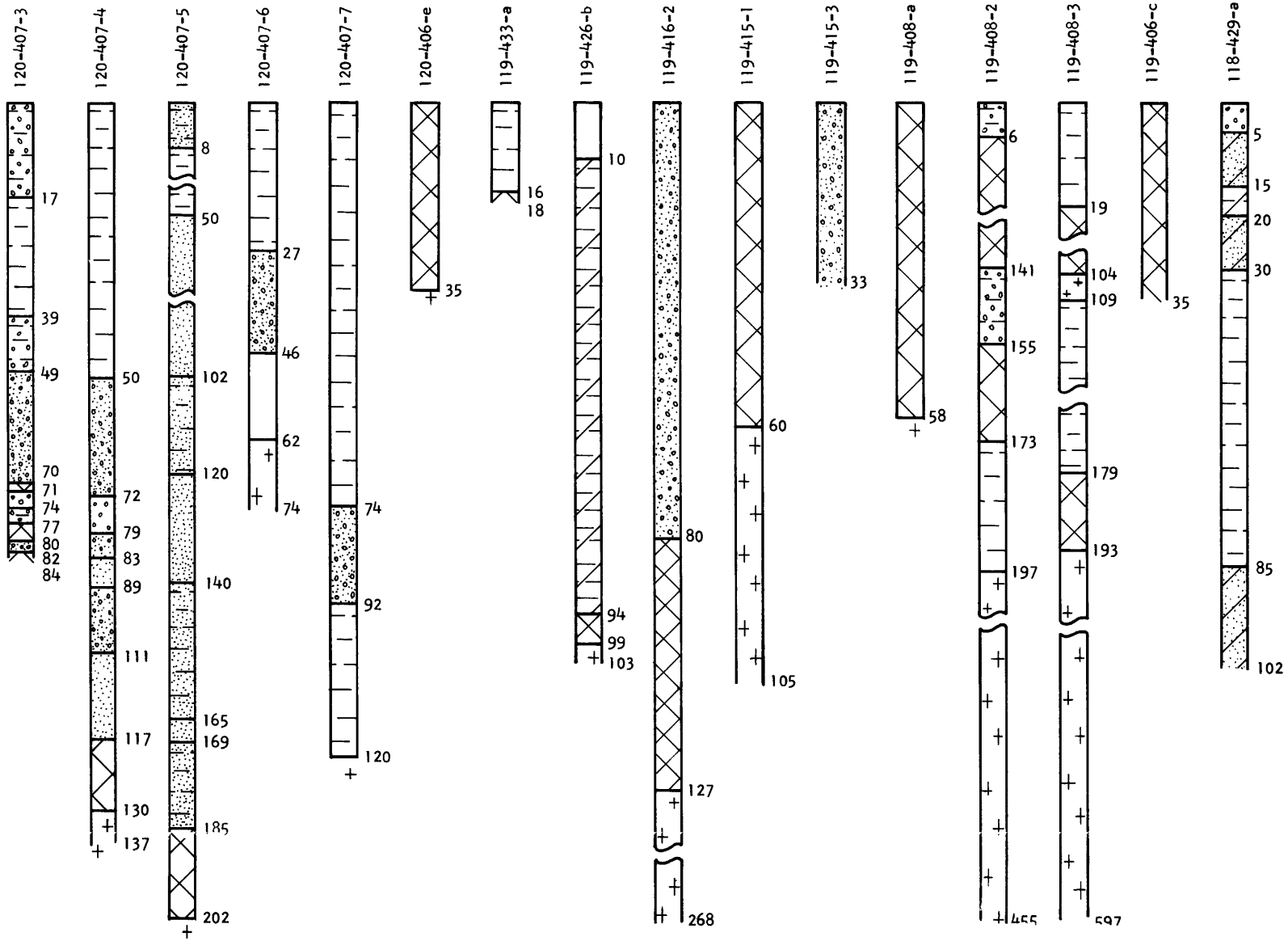

Table 2.--Lithologic logs of wells and test borings (Continued)

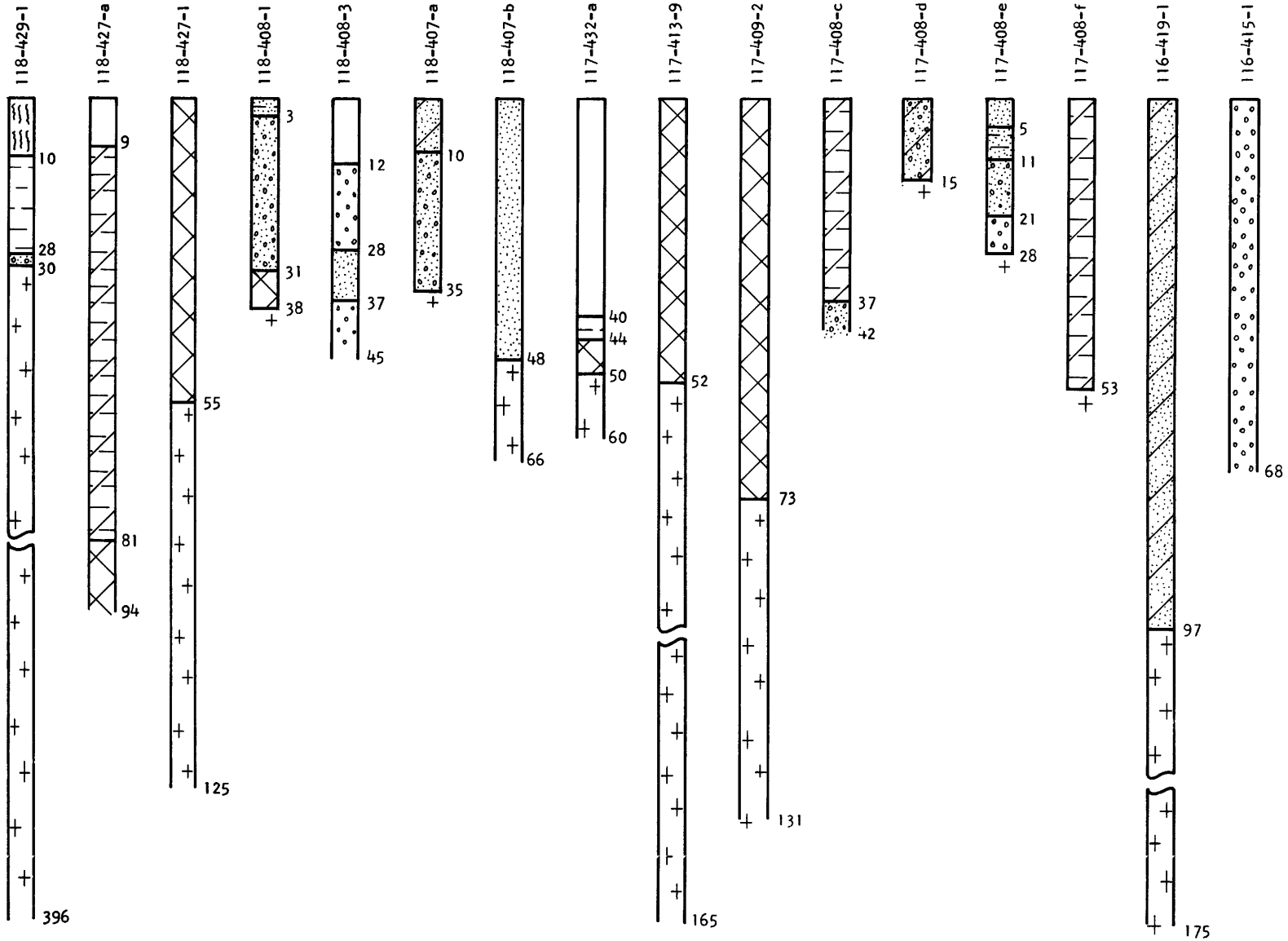

Table 2.--Lithologic logs of wells and test borings (Continued)

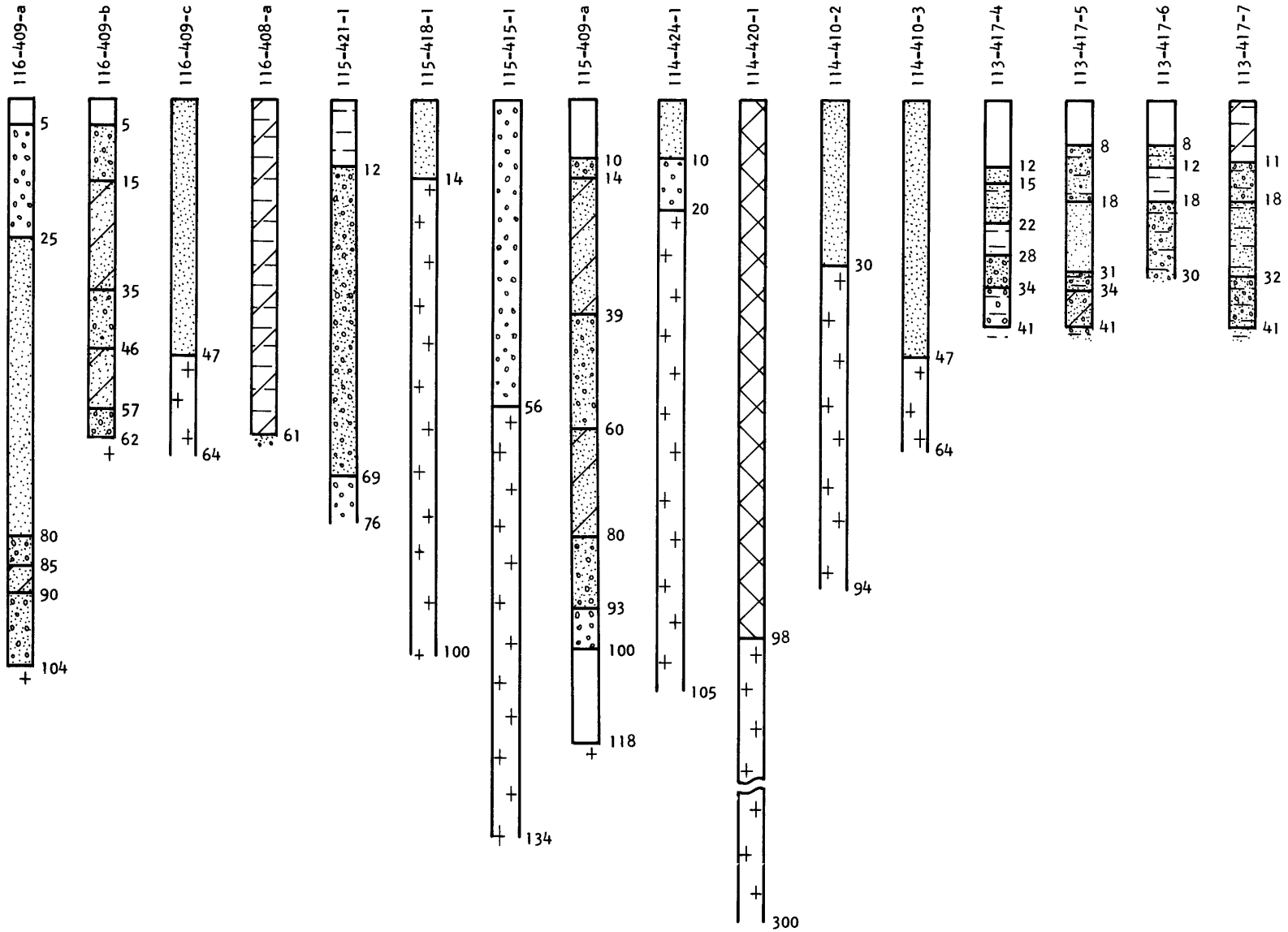

Table 2.--Lithologic logs of wells and test borings (Continued)

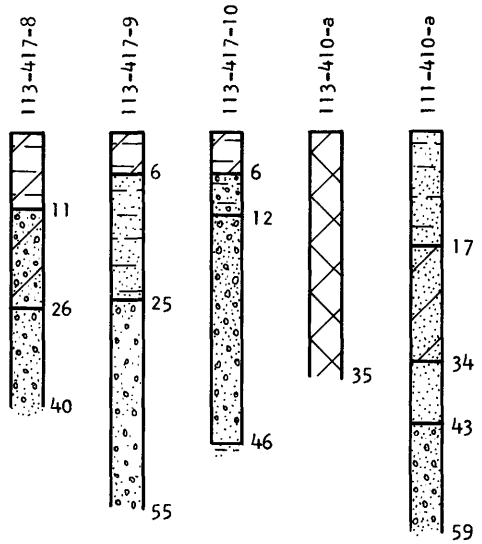

Table 3.--Chemical analyses of well water

Explanation of symbols and abbreviations used in table:

Well number: See text for explanation.

Remarks: mg/l - milligrams per liter
Temp - temperature, in degrees Celsius, measured by U.S.G.S.

(All results in milligrams per liter except specific conductance, pH, and temperature)

Well number	Date of collection	Aquifer	Silica (SiO_2)	Iron (Fe)		Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue at 180°C)	Hardness (as $CaCO_3$)		Specific conductance (micromhos at 25°C)	pH	Remarks
				Dissolved	Total											Calcium, magnesium	Noncarbonate			
204-411-1	11/28/60	Sandstone	--	--	--	--	--	--	--	--	3.0	1.1	--	--	83	58	--	--	--	Temp 8.
202-408-1	12/14/60	do.	--	--	--	--	--	--	--	--	13	.2	--	--	136	40	--	--	--	
202-357-1	7/14/49	Shale	--	--	0.5	--	--	--	--	161	10	2.4	--	--	220	36	0	--	8.2	
157-358-1	10/25/60	Carbonate	--	--	.11	--	--	--	--	--	44	13	--	--	386	288	--	--	--	
154-358-1	12/15/60	Sand	--	0.04	.54	--	--	--	--	--	50	44	--	--	367	270	--	--	--	Temp 10.
153-407-4	9/26/60	Sand and gravel	--	--	--	--	--	--	--	--	10	2.0	--	--	70	48	--	--	--	
152-408-3	10/ 4/60	Shale	--	--	1.1	--	--	--	--	--	15	6.5	--	--	158	120	--	--	--	Temp 10.
152-405-1	12/13/60	do.	--	--	--	--	--	--	--	--	59	13	--	--	298	226	--	--	--	
151-409-3	10/31/60	do.		--	.19	--	--	--	--	--	88	15	--	--	255	171	--	--	--	
151-408-1	11/ 4/60	Carbonate	--	--	--	--	--	--	--	--	46	5.8	--	--	215	174	--	--	--	
151-400-1	11/22/60	Quartzite	--	--	--	--	--	--	--	--	18	.5	--	--	95	70	--	--	--	
150-402-1	11/22/60	Shale	--	--	--	--	--	--	--	--	20	18	--	--	236	161	--	--	--	
150-358-1	10/25/60	Sand and gravel	--	--	.29	--	--	--	--	--	22	3.0	--	--	186	143	--	--	--	
149-402-1	11/ 8/60	Shale	--	.04	.08	--	--	--	--	--	18	2.9	--	--	187	168	--	--	--	
148-404-3	10/28/66	do.	6.4	--	--	1.9	0.4	134	3.3	286	24	6.5	0.9	0.5	342	6	0	533	9.0	
147-419-3	10/28/66	do.	9.6	.01	--	2.6	.9	62	.8	164	2.9	5.3	.5	.8	173	10	0	298	7.5	
147-412-1	11/ 9/60	do.	--	--	--	--	--	--	--	--	32	2.2	--	--	197	158	--	--	--	
147-357-1	11/ 7/60	do.	--	--	--	--	--	--	--	--	16	2.2	--	--	153	114	--	--	--	
144-403-3	7/27/64	do.	--	1.4	--	--	--	--	--	--	28	40	--	--	259	192	--	432	7.2	
144-400-2	12/ 6/60	Quartzite	--	--	--	--	--	--	--	--	20	8.0	--	--	189	149	--	--	--	
144-358-1	12/ 6/60	Sand and gravel	--	--	--	--	--	--	--	--	20	13	--	--	159	97	--	--	--	
142-408-2	12/ 9/60	Shale	--	--	--	--	--	--	--	--	525	4.0	--	--	1,470	1,100	--	--	--	
142-404-1	12/ 5/60	do.	--	.00	.07	--	--	--	--	--	14	2.2	--	--	88	50	--	--	--	
-2	12/ 6/60	do.	--	--	--	--	--	--	--	--	4.6	16	--	--	247	18	--	--	--	Hydrogen sulfide.

Table 3.--Chemical analyses of well water (Continued)

Well number	Date of collection	Aquifer	Silica (SiO_2)	Iron (Fe) Dissolved	Iron (Fe) Total	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue at 180°C)	Hardness (as $CaCO_3$) Calcium, magnesium	Hardness (as $CaCO_3$) Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Remarks
141-406-1	12/ 7/60	Shale	--	--	--	--	--	--	--	--	32	4.8	--	--	176	128	--	--	--	
136-418-1	6/ 5/57	Gravel	11	0.01	0.03	73	14	5.8	0.7	232	58	4.5	0.1	0.0	293	240	50	475	7.5	Temp 13.5.
-2	8/24/64	Shale	--	--	--	9.3	3.2	--	--	--	62	4.8	--	--	300	36	--	453	7.9	
133-409-6	6/ 5/57	Gravel	8.2	.00	.04	55	7.6	5.3	.8	148	46	5.9	1.0	3.9	219	169	47	356	7.5	Temp 10.5.
132-420-1	9/ 2/64	Shale	--	--	--	37	5.7	--	--	--	24	18	--	--	194	116	--	306	7.4	
130-415-2	11/17/55	do.	9.9	.08	1.1	20	6.8	77		294	.7	2.2	.3	.7	254	78	0	442	7.9	
Do.	8/15/57	do.	12	.16	.64	22	6.4	89		329	2.3	2.3	.4	.2	293	82	0	490	7.5	
Do.	7/31/58	do.	10	.14	.77	23	6.6	83		315	1.0	3.5	.5	.9	285	85	0	478	7.2	
130-405-1	3/13/52	do.	9.2	--	.02	46	7.7	9.3		148	35	5.4	.2	1.0	194	146	--	319	7.5	
Do.	3/19/53	do.	14	.03	.09	52	18	40		298	40	2.2	.8	.2	314	204	0	513	7.6	
Do.	4/ 5/55	do.	16	.00	.05	38	14	65		301	41	3.2	.2	.8	312	152	0	509	8.0	
Do.	11/18/55	do.	16	.01	.04	56	18	32		280	39	2.0	.2	.7	284	214	0	493	8.3	
Do.	10/ 9/56	do.	16	.00	.02	60	17	35		308	39	1.5	.1	.2	303	220	0	524	7.9	
Do.	8/17/57	do.	16	.02	.04	62	16	32		300	38	2.5	.1	.7	316	221	0	515	7.4	
Do.	7/29/58	do.	16	.00	.03	60	19	26		292	38	3.6	.2	.7	302	228	0	510	7.3	
Do.	7/14/59	do.	15	--	.05	55	19	31		291	37	3.9	.1	.1	296	215	0	509	7.3	
Do.	11/ 8/60	do.	16	.00	.06	60	16	33		305	32	2.3	.2	.2	304	216	0	523	7.4	
Do.	9/ 5/62	do.	15	--	.11	62	16	33		300	39	3.4	.1	1.4	317	221	0	509	7.7	
Do.	9/ 4/63	do.	15	--	.01	62	19	30		316	31	3.3	.2	.5	322	233	0	536	7.5	
Do.	9/ 9/64	do.	15	--	.11	64	18	34		327	32	3.6	.1	.0	336	234	0	526	8.0	
Do.	9/ 8/65	do.	14	--	.08	63	18	159		321	32	197	.2	.1	650	230	0	1,170	7.5	
Do.	9/ 7/66	do.	15	--	.02	67	17	46		360	33	4.6	.2	.0	328	237	0	539	8.1	
Do.	9/12/67	do.	15	--	.06	59	17	40		317	33	6.8	.0	.0	355	217	0	548	7.5	Manganese 0.28 mg/l
129-406-1	3/13/52	do.	17	--	.11	40	11	40		252	20	1.9	.2	.5	250	145	--	417	7.7	
Do.	9/15/53	do.	15	.01	.07	46	11	39		276	16	1.6	.1	.2	267	160	0	438	7.6	
Do.	4/ 5/55	do.	18	.00	.18	39	10	54		287	16	2.5	.0	.5	290	138	0	444	8.0	
Do.	11/18/55	do.	16	.01	.04	46	12	41		287	16	1.0	.2	.7	264	164	0	456	8.1	
Do.	10/ 9/56	do.	16	.00	.04	45	11	40		272	20	.8	.0	.2	254	158	0	439	7.8	
Do.	8/15/57	do.	16	.00	.02	44	12	37		266	18	2.2	.1	.3	258	160	0	429	7.8	
Do.	7/29/58	do.	18	.01	.02	43	12	36		260	18	2.0	.1	.5	255	157	0	424	7.2	
Do.	7/14/59	do.	16	.08	.10	51	12	41		285	28	1.9	.1	.0	273	177	0	434	7.5	

Table 3.--Chemical analyses of well water (Continued)

Well number	Date of collection	Aquifer	Silica (SiO_2)	Iron (Fe) Dissolved	Iron (Fe) Total	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue at 180°C)	Hardness (as $CaCO_3$) Calcium, magnesium	Hardness (as $CaCO_3$) Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Remarks
129-406-1	11/ 8/60	Shale	17	0.00	0.08	51	11	37		288	14	1.0	0.2	0.0	271	172	0	459	7.3	
Do.	9/12/61	do.	16	--	.06	50	9.9	40		278	14	1.9	.1	.2	270	166	0	453	8.3	
Do.	9/ 5/62	do.	16	--	.30	53	10	34		275	17	1.8	.1	1.2	272	173	0	436	7.6	
Do.	9/ 4/63	do.	16	--	.02	49	10	40		286	15	.5	.3	.3	275	164	0	454	7.7	
Do.	9/ 9/64	do.	16	--	.03	48	11	40		283	17	1.4	.1	.0	280	165	0	437	8.1	
Do.	9/ 8/65	do.	16	--	.02	51	10	37		280	15	.2	.1	.0	269	170	0	455	8.3	
Do.	9/ 7/66	do.	16	--	.01	46	10	40		256	17	1.1	.2	.0	268	156	0	430	8.4	
129-405-1	3/13/52	do.	13	--	.08	26	16	32		181	36	10	.1	.4	216	131	0	373	7.8	
Do.	3/10/53	do.	11	.15	.26	30	13	40		196	38	10	.2	.3	239	130	0	398	7.8	
Do.	9/15/53	do.	9.6	.00	.25	26	16	41		202	36	11	.3	.5	242	131	0	400	7.7	
Do.	4/ 5/55	do.	11	.00	.48	24	14	42		191	35	11	.0	1.0	228	117	0	382	8.0	
Do.	11/18/55	do.	12	.01	.40	26	14	32		175	34	8.5	.1	1.3	205	122	0	365	8.1	
Do.	10/ 9/56	do.	11	.35	.41	29	15	32		200	35	2.7	.2	.3	227	135	0	413	7.8	
Do.	8/15/57	do.	10	.04	.54	28	14	37		196	33	9.2	.1	.0	226	128	0	391	7.5	
Do.	7/29/58	do.	11	.00	.32	27	17	35		197	33	12	.3	.7	238	138	0	399	7.6	
Do.	7/14/59	do.	11	--	.60	30	17	34		195	42	11	.2	.2	230	145	0	394	7.4	
Do.	11/ 8/60	do.	11	.00	.38	28	15	36		196	31	11	.3	.4	233	132	0	399	7.5	
Do.	9/12/61	do.	11	--	.32	29	15	37		198	34	11	.2	.0	229	134	0	407	7.5	
Do.	9/ 5/62	do.	11	--	.30	39	14	30		200	32	15	.3	.1	238	155	0	409	8.0	
Do.	9/ 4/63	do.	10	--	.54	29	18	29		196	30	12	.3	.2	231	147	0	394	7.9	
Do.	9/ 9/64	do.	10	--	.04	30	15	38		204	32	13	.2	.2	241	137	0	398	8.1	
Do.	9/ 8/65	do.	10	--	.05	30	14	37		199	32	12	.2	.1	233	134	0	406	7.7	
Do.	9/ 7/66	do.	10	--	.02	28	14	39		195	34	12	.2	.0	242	128	0	400	8.1	
Do.	9/12/67	do.	10	--	.02	29	13	42	--	192	36	16	.2	.0	252	126	0	413	8.2	Manganese 0.04 mg/l.
129-405-2	3/13/52	do.	13	.00	--	38	13	10		170	26	2.4	.1	.4	185	148	0	320	7.5	
Do.	4/10/53	do.	14	.05	.09	40	9.6	14		168	27	2.6	.1	.4	191	139	0	318	7.8	
Do.	5/ 5/55	do.	15	.01	.03	31	12	21		169	28	2.5	.0	.8	202	127	0	311	7.7	
Do.	11/18/55	do.	9.3	.01	.06	40	12	12		175	27	2.4	.2	1.1	190	149	6	330	8.1	
Do.	10/ 9/56	do.	15	.07	.12	40	14	8.9		173	30	2.5	.1	.1	193	158	16	336	7.5	
Do.	8/15/57	do.	15	.02	.13	39	13	7.6		170	22	2.9	.1	.7	189	151	12	313	7.3	
Do.	7/29/58	do.	14	.00	.00	35	7.2	25		168	27	3.6	.2	.7	187	117	0	318	7.4	

Table 3.--Chemical analyses of well water (Continued)

Well number	Date of collection	Aquifer	Silica (SiO_2)	Iron (Fe) Dissolved	Iron (Fe) Total	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue at 180°C)	Hardness (as $CaCO_3$) Calcium, magnesium	Hardness (as $CaCO_3$) Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Remarks
129-405-2	7/14/59	Shale	14	--	0.07	40	14	8.5		171	30	2.7	0.2	0.7	194	158	18	330	7.4	
Do.	11/ 8/60	do.	14	0.00	.02	40	12	9.7		164	29	3.3	.2	1.2	191	150	15	329	7.1	
Do.	9/12/61	do.	17	--	.02	39	11	14		169	30	2.5	.1	.3	194	143	4	332	7.5	
Do.	9/ 5/62	do.	14	.00	--	43	11	9.9		164	30	4.0	.2	3.3	196	153	18	327	7.4	
Do.	9/ 4/63	do.	14	.02	--	.9	.1	78		159	29	7.0	.2	1.6	214	3	0	338	7.6	Softened water.
Do.	9/ 9/64	do.	14	--	.08	38	12	13		170	29	2.9	.1	.2	194	145	5	312	8.0	
Do.	9/ 8/65	do.	13	--	.01	.4	.2	77		164	28	3.0	.2	.5	209	2	0	337	8.3	Softened water.
Do.	9/ 7/66	do.	14	--	.03	38	11	14		168	29	2.0	.2	.0	202	140	2	326	8.0	
Do.	9/12/67	do.	13	--	.02	44	12	14		158	33	18	.0	.9	228	160	30	371	7.8	Manganese 0.05 mg/l.
129-405-3	3/13/52	do.	15	.03	--	41	16	17		183	48	3.5	.3	.2	227	168	--	383	7.7	
Do.	4/10/53	do.	14	.02	.07	41	15	17		182	45	3.5	.1	.5	231	168	--	388	7.8	
Do.	9/15/53	do.	13	.00	.03	42	14	20		191	42	3.7	.1	.5	231	162	6	385	7.6	
Do.	4/ 5/55	do.	15	.00	.02	39	14	30		182	61	4.5	.0	1.2	270	155	6	397	7.7	
Do.	11/18/55	do.	15	.01	.09	44	17	17		180	61	3.2	.1	.9	252	180	32	400	8.0	
Do.	10/ 9/56	do.	15	.02	.06	43	15	16		180	51	2.6	.1	.2	231	169	22	394	7.8	
Do.	8/15/57	do.	15	.00	.06	45	16	13		184	45	4.8	.1	.6	242	179	28	391	7.2	
Do.	7/29/58	do.	8.2	.00	.29	43	16	17		178	55	4.1	.1	.6	241	174	28	389	7.2	
Do.	7/14/59	do.	14	--	.07	48	15	14		181	54	3.9	.1	.5	246	182	33	401	7.1	
Do.	11/ 8/60	do.	14	.01	.05	46	15	14		183	49	3.4	.2	.3	231	177	27	389	7.4	
Do.	9/12/61	do.	14	--	.09	47	14	14		182	51	2.0	.1	.1	233	175	26	393	7.5	
Do.	9/ 5/62	do.	13	--	.19	56	13	14		185	50	13	.1	1.3	248	193	42	404	7.4	
Do.	9/ 4/63	do.	13	--	.04	39	19	14		186	42	6.0	.2	.1	226	176	23	390	8.0	
Do.	9/ 9/64	do.	14	--	.15	60	15	16		216	40	20	.0	.2	276	211	34	457	8.0	
Do.	9/ 8/65	do.	14	--	.01	74	20	18		249	38	42	.1	.1	346	269	60	585	6.9	
Do.	9/ 7/66	do.	14	--	.06	78	19	15		265	38	34	.1	.0	352	273	56	572	7.7	
Do.	9/12/67	do.	14	--	.06	68	17	21		256	40	24	.0	.0	326	240	30	524	6.9	Manganese 0.11 mg/l.
127-437-1	6/ 4/57	Sandstone	9.8	.01	.74	9.0	4.0	6.1	.8	41	10	7.4	.1	.5	70	39	6	113	6.6	Temp 13.5.
127-418-7	8/19/64	Shale	--	1.4	--	64	22	--	--	--	187	7.0	--	--	465	252	--	669	7.9	Temp 11.
126-436-6	6/ 4/57	Sand	5.0	.01	.51	11	2.1	2.0	1.1	24	12	3.0	.1	5.6	56	36	17	88	6.5	Temp 13.5.
126-400-6	9/ 3/64	Talus	--	.05	--	--	--	--	--	--	26	6.0	--	--	88	58	--	123	7.2	Temp 7.5.
125-410-2	6/ 5/57	Gravel	9.0	.00	.01	56	5.1	8.1	1.2	153	27	17	.1	3.3	211	161	35	354	7.7	Temp 13.5

Table 3.--Chemical analyses of well water (Continued)

Well number	Date of collection	Aquifer	Silica (SiO_2)	Iron (Fe)		Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue at 180°C)	Hardness (as $CaCO_3$)		Specific conductance (micromhos at 25°C)	pH	Remarks
				Dissolved	Total											Calcium, magnesium	Noncarbonate			
125-400-1	5/ 7/63	Crystalline	--	--	--	--	--	--	--	--	--	--	--	--	113	65	--	157	7.4	
123-443-4	3/ 7/47	Gravel	--	--	--	--	--	--	--	22	27.3	7.4	--	--	123	52	34	--	6.1	
122-441-2	8/ 6/47	Shale	--	--	--	--	--	--	--	144	45.1	7.8	--	--	247	144	26	--	6.1	
122-440-2	8/ 7/47	Gravel	--	--	--	--	--	--	--	133	10.1	2.4	--	--	144	88	--	--	--	
122-437-1	6/ 4/57	Conglomerate	8.0	0.00	3.0	3.2	3.5	1.1	2.1	22	10	1.4	0.1	0.0	42	23	5	63	6.0	
121-410-1	6/ 3/57	Sandstone	5.1	.01	.22	4.4	3.1	1.8	.6	6	16	4.6	.1	.6	48	24	19	71	5.8	Temp 11.
119-433-1	6/ 4/57	Shale	9.1	.06	.28	45	5.7	7.4	.6	107	59	4.2	.1	.3	192	136	49	308	7.4	Temp 11.5.
119-415-3	6/ 4/64	Sand and gravel	--	--	--	40	11	--	--	--	22	4.6	--	--	185	144	--	296	7.9	Temp 11.5.
113-409-3	6/ 3/57	Carbonate	11	.02	.24	41	16	17	1.4	223	19	2.2	.6	.0	206	169	0	377	7.7	Temp 11.
116-405-1	6/ 3/57	Crystalline	14	.04	.11	21	5.3	4.6	1.0	69	19	5.5	.1	2.2	113	75	18	173	7.0	Temp 12.
114-417-1	5/ 4/64	Red shale	--	9.2	--	--	--	--	--	--	18	3.1	--	--	97	46	--	149	7.4	